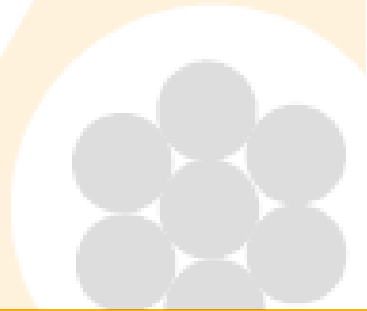




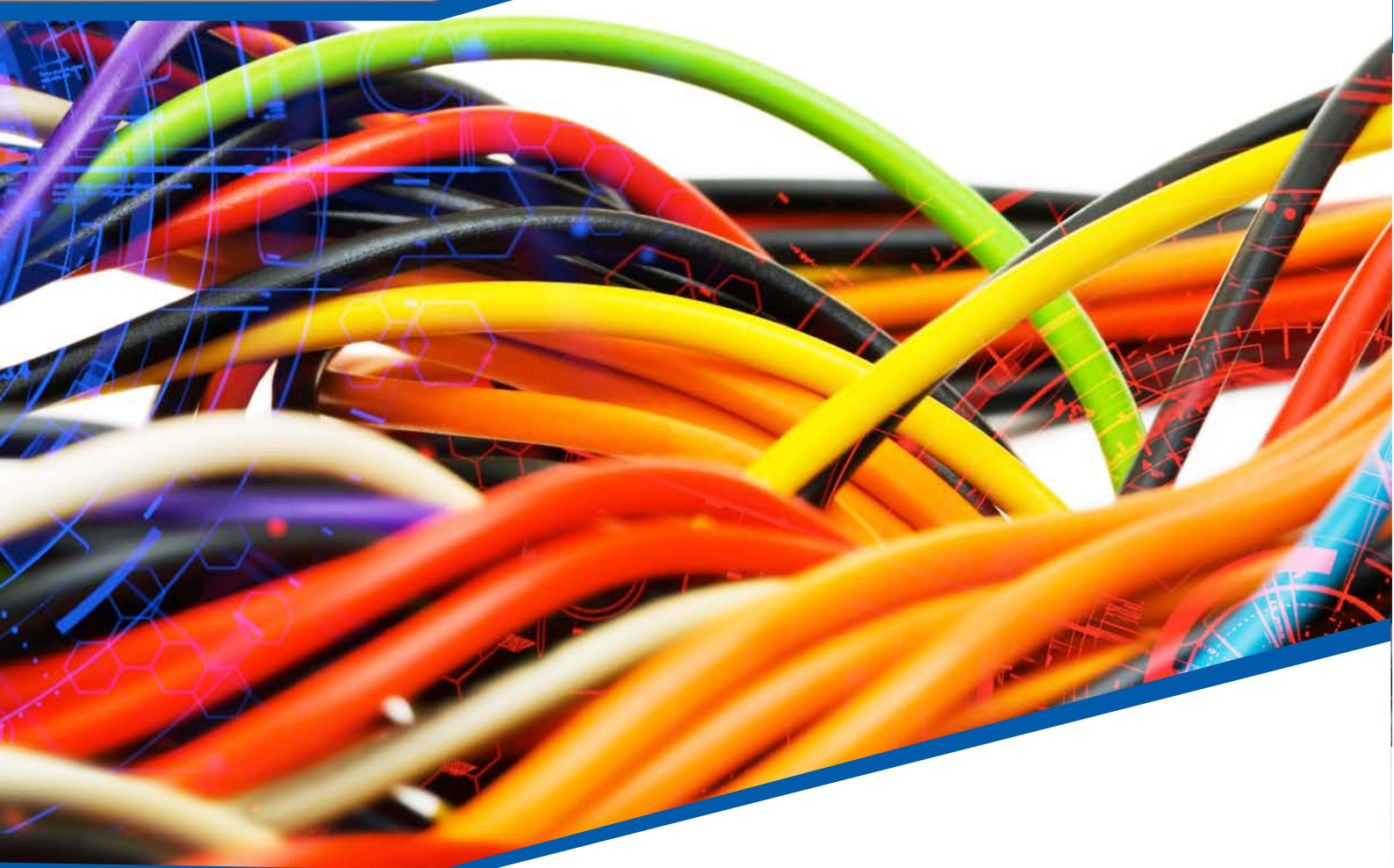
**SIGMA CABLES**  
CONDUCTIVE WORLD



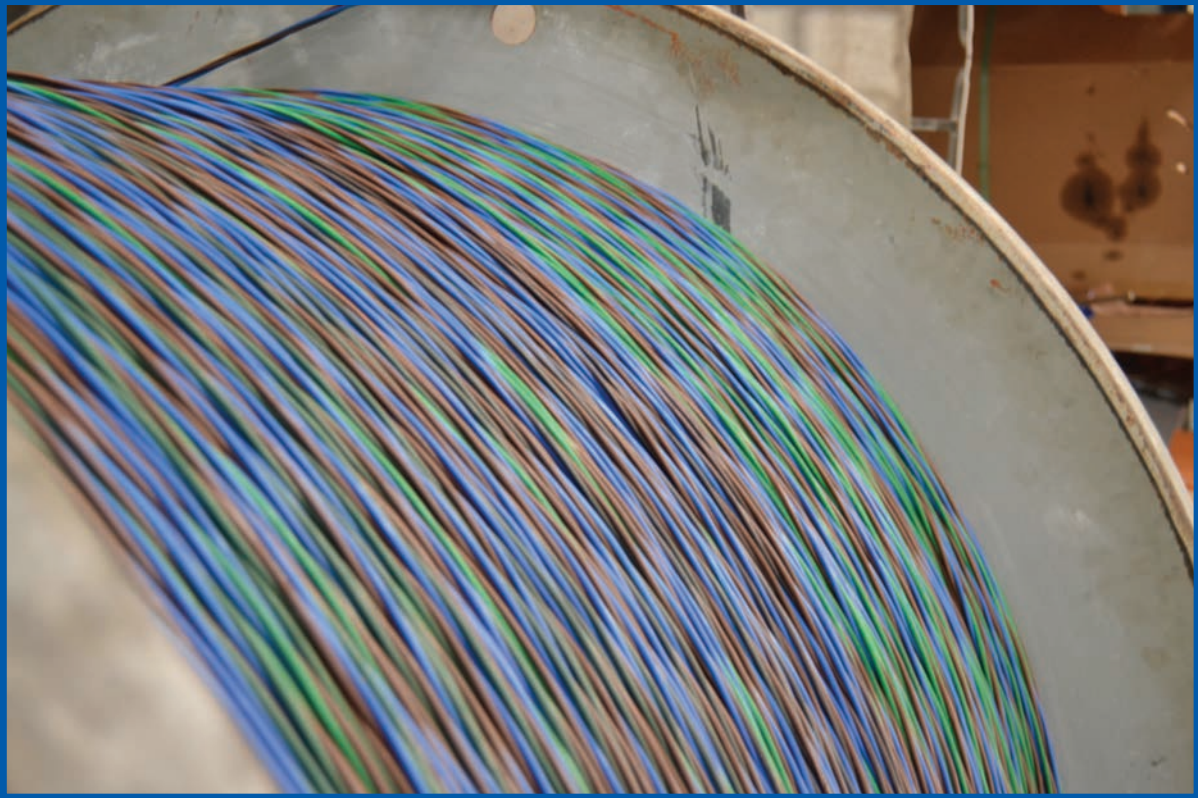
# Contents

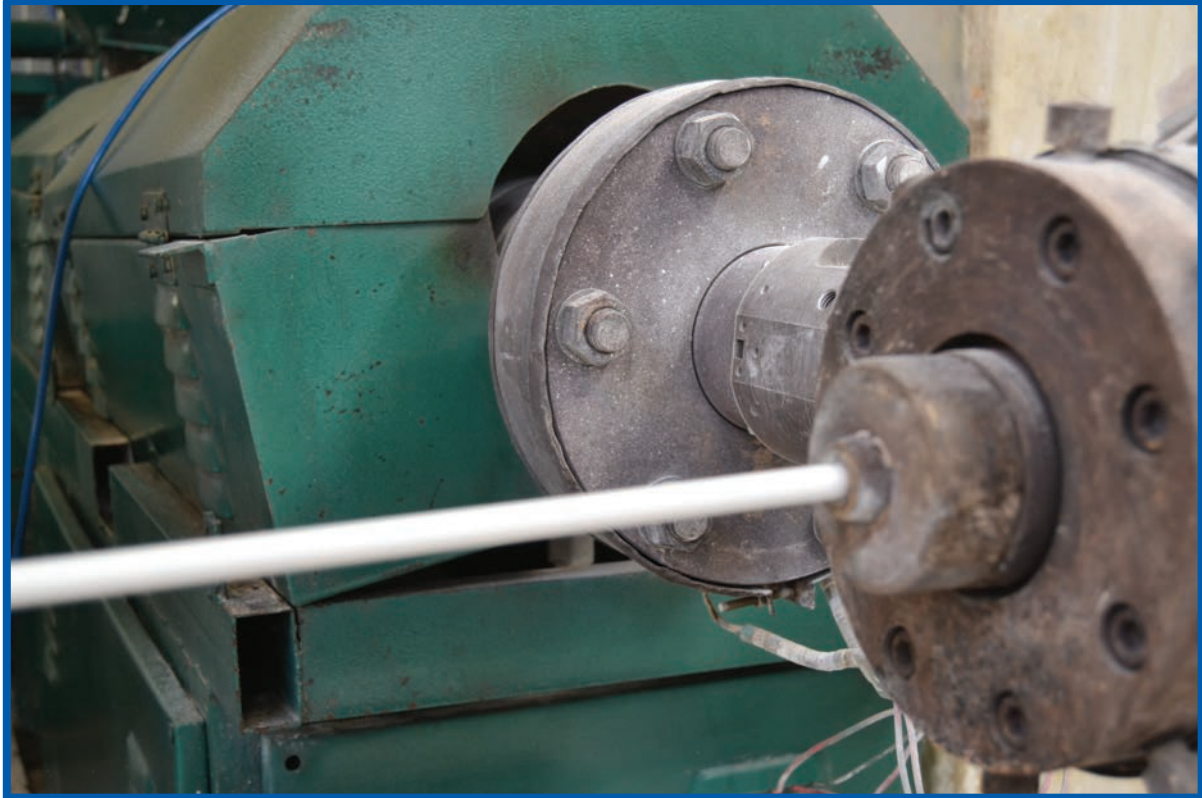
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# Flex



**27 Sizes**





## H05vv-f 2x0.5 mm<sup>2</sup> Flexible

### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

### H05vv-f 2x0.5 mm<sup>2</sup> flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	0.5mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	11
Cross Section	0.54 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Number of Wires	2

#### Insulation Layer 2

Color	White
-------	-------

#### Temperature Rating

Material	PVC Ti1 Colored
Color of Wires	Blue , Brown
Overall Diameter (D)	2.2 Ø

#### Voltage Rating

°C	-5 to +70
----	-----------

#### Amperage

V	300
---	-----

#### Jacket

1 phase	3 A
---------	-----

#### Pulling Force

Material	PVC Ti2 White
Overall Diameter (D)	5.5 Ø

#### Weight

Max	400 N
-----	-------

#### Length

Kg/Km	49
m/yard	91/100

## H05vv-f 2x0.75 mm<sup>2</sup> Flexible

### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

### H05vv-f 2x0.75 mm<sup>2</sup> flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	0.75mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	15
Cross Section	0.735 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Number of Wires	2

#### Insulation Layer 2

Color	White
-------	-------

#### Temperature Rating

Material	PVC Ti1 Colored
Color of Wires	Blue , Brown
Overall Diameter (D)	2.2 Ø

#### Voltage Rating

°C	-5 to +70
----	-----------

#### Amperage

V	300
---	-----

#### Jacket

1 phase	6 A
---------	-----

#### Pulling Force

Material	PVC Ti2 White
Overall Diameter (D)	5.5 Ø

#### Weight

Max	450 N
-----	-------

#### Length

Kg/Km	60
m/yard	91.4/100

## H05vv-f 2x1mm<sup>2</sup> Flexible

### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

H05vv-f 2x0.5 mm<sup>2</sup> flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	1mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	11
Cross Section	1.03 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	2
Color of Wires	Blue , Brown , Green
Overall Diameter (D)	2.5 Ø

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

1 phase	10 A
---------	------

#### Jacket

Material	PVC Ti2 White
Overall Diameter (D)	6.8 Ø

#### Pulling Force

Max	490 N
-----	-------

#### Weight

Kg/Km	72
-------	----

#### Length

m/yard	91/100
--------	--------



## H05vv-f 2x1.5 mm<sup>2</sup> Flexible

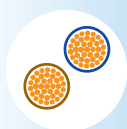
### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

H05vv-f 2x0.5 mm<sup>2</sup> flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	1.5mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	21
Cross Section	1.32 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	2
Color of Wires	Blue , Brown
Overall Diameter (D)	3 Ø

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

1 phase	16 A
---------	------

#### Jacket

Material	PVC Ti2 White
Overall Diameter (D)	7.4 Ø

#### Pulling Force

Max	550 N
-----	-------

#### Weight

Kg/Km	85
-------	----

#### Length

m/yard	91/100
--------	--------

## H05vv-f 2x2.5 mm<sup>2</sup> Flexible

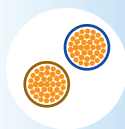
### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

H05vv-f 2x2.5 mm<sup>2</sup> flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	2.5mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	44
Cross Section	2.16 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	2
Color of Wires	Blue , Brown
Overall Diameter (D)	3.25 Ø

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

1 phase	20 A
---------	------

#### Jacket

Material	PVC Ti2 White
Overall Diameter (D)	8.5 Ø

#### Pulling Force

Max	600 N
-----	-------

#### Weight

Kg/Km	126
-------	-----

#### Length

m/yard	91/100
--------	--------

## H05vv-f 2x4 mm<sup>2</sup> Flexible

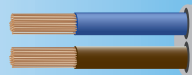
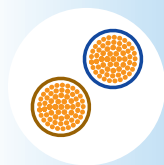
### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

### H05vv-f 2x4 mm<sup>2</sup> flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	4mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	71
Cross Section	3.5 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	2
Color of Wires	Blue , Brown
Overall Diameter (D)	4.25Ø

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

1 phase	25 A
---------	------

#### Jacket

Material	PVC Ti2 White
Overall Diameter (D)	10.45 Ø

#### Pulling Force

Max	760 N
-----	-------

#### Weight

Kg/Km	184
-------	-----

#### Length

m/yard	91/100
--------	--------

## H05vv-f 2x6 mm<sup>2</sup> Flexible

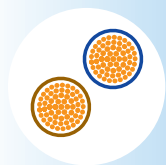
### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

### H05vv-f 2x6 mm<sup>2</sup> flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	6mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	108
Cross Section	5.3 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	2
Color of Wires	Blue , Brown
Overall Diameter (D)	5.25Ø

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

1 phase	43 A
---------	------

#### Jacket

Material	PVC Ti2 White
Overall Diameter (D)	12.6 Ø

#### Pulling Force

Max	850 N
-----	-------

#### Weight

Kg/Km	252
-------	-----

#### Length

m/yard	91/100
--------	--------

## H05vv-f 3x1 mm<sup>2</sup> Flexible

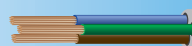
### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

### H05vv-f 3x1mm<sup>2</sup> flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	1mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	21
Cross Section	1.03 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	3
Color of Wires	Blue , Brown, Green
Overall Diameter (D)	2.5 Ø

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

3 phase	10 A
---------	------

#### Jacket

Material	PVC Ti2 White
Overall Diameter (D)	7.4 Ø

#### Pulling Force

Max	550 N
-----	-------

#### Weight

Kg/Km	
-------	--

#### Length

m/yard	91/100
--------	--------

## H05vv-f 3x1.5 mm<sup>2</sup> Flexible

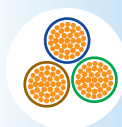
### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

H05vv-f 3x1.5 mm<sup>2</sup> flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	1.5mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	27
Cross Section	1.32 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	3
Color of Wires	Blue , Brown, Green
Overall Diameter (D)	3 Ø

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

3 phase	16 A
---------	------

#### Jacket

Material	PVC Ti2 White
Overall Diameter (D)	8.7 Ø

#### Pulling Force

Max	620 N
-----	-------

#### Weight

Kg/Km	126
-------	-----

#### Length

m/yard	91/100
--------	--------

## H05vv-f 3x2.5 mm<sup>2</sup> Flexible

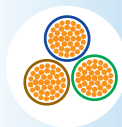
### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

H05vv-f 3x2.5 mm<sup>2</sup> flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	2.5 mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	44
Cross Section	2.16 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	3
Color of Wires	Blue , Brown, Green
Overall Diameter (D)	3.25 Ø

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

1 phase	20 A
---------	------

#### Jacket

Material	PVC Ti2 White
Overall Diameter (D)	9.7 Ø

#### Pulling Force

Max	670 N
-----	-------

#### Weight

Kg/Km	170
-------	-----

#### Length

m/yard	91/100
--------	--------

## H05vv-f 3x4 mm2 Flexible

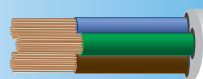
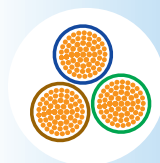
### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

H05vv-f 3x4 mm2 flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm2	4 mm2 Nominal bunched
Range in mm	0.24 $\leq$ $\emptyset$ < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	71
Cross Section	3.5 mm2

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	3
Color of Wires	Blue , Brown, Green
Overall Diameter (D)	4.25 $\emptyset$

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

1 phase	25 A
---------	------

#### Jacket

Material	PVC Ti2 White
Overall Diameter (D)	12.4 $\emptyset$

#### Pulling Force

Max	820 N
-----	-------

#### Weight

Kg/Km	247
-------	-----

#### Length

m/yard	91/100
--------	--------



## H05vv-f 3x6 mm2 Flexible

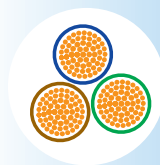
### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

H05vv-f 3x6 mm2 flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm2	6 mm2 Nominal bunched
Range in mm	0.24 $\leq \emptyset <$ 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	108
Cross Section	5.3 mm2

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	3
Color of Wires	Blue , Brown, Green
Overall Diameter (D)	5.25 $\emptyset$

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

1 phase	43 A
---------	------

#### Jacket

Material	PVC Ti2 White
----------	---------------

#### Pulling Force

Overall Diameter (D)	
Max	890 N

#### Weight

Kg/Km	
-------	--

#### Length

m/yard	91/100
--------	--------

## H05vv-f 3x10mm<sup>2</sup> Flexible

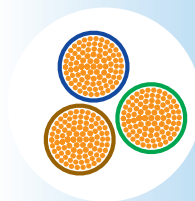
### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with electrical units, water pumps, submersibles and electric motors that high flexibility is required. Also to be used in office equipments like central air conditioner.

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

H05vv-f 3x10 mm<sup>2</sup> flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	10 mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	195
Cross Section	9.56 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	3
Color of Wires	Blue , Brown, Green
Overall Diameter (D)	6.25 Ø

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	Up to 1Kv
---	-----------

#### Amperage

3 phase	59A
---------	-----

#### Jacket

Material	PVC Ti2 White
Overall Diameter (D)	18.5 Ø

#### Pulling Force

Max	1100 N
-----	--------

#### Weight

Kg/Km	680
-------	-----

#### Length

m/yard	91/100
--------	--------

## H05vv-f 4x1 mm<sup>2</sup> Flexible

### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

### H05vv-f 4x1 mm<sup>2</sup> flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	1mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	21
Cross Section	1.3 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	4
Color of Wires	Blue , Brown, Gry, Green
Overall Diameter (D)	2.5 Ø

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

3 phase	10 A
---------	------

#### Jacket

Material	PVC Ti2 White
Overall Diameter (D)	8.4 Ø

#### Pulling Force

Max	620 N
-----	-------

#### Weight

Kg/Km	126
-------	-----

#### Length

m/yard	91/100
--------	--------

## H05vv-f 4x1.5 mm<sup>2</sup> Flexible

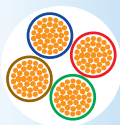
### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios table lamps and office equipment.

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

H05vv-f 4x1.5 mm<sup>2</sup> flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	1.5 mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	27
Cross Section	1.32 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	4
Color of Wires	Blue , Brown, Grey, Green
Overall Diameter (D)	3 Ø

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

3 phase	16 A
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#### Jacket

Material	PVC Ti2 White
Overall Diameter (D)	9.5 Ø

#### Pulling Force

Max	690 N
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#### Weight

Kg/Km	170
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#### Length

m/yard	91/100
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## H05vv-f 4x2.5 mm<sup>2</sup> Flexible

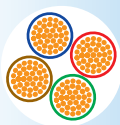
### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

H05vv-f 4x2.5 mm<sup>2</sup> flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	2.5 mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	44
Cross Section	2.16 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	4
Color of Wires	Blue , Brown, Red, Green
Overall Diameter (D)	3.25 Ø

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

3 phase	25 A
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#### Jacket

Material	PVC Ti2 White
Overall Diameter (D)	11 Ø

#### Pulling Force

Max	740 N
-----	-------

#### Weight

Kg/Km	203
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#### Length

m/yard	91/100
--------	--------

## H05vv-f 4x4 mm<sup>2</sup> Flexible

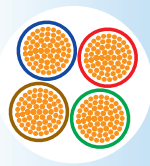
### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

### H05vv-f 4x4 mm<sup>2</sup> flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	4 mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	71
Cross Section	3.5 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	4
Color of Wires	Blue , Brown, Red, Green
Overall Diameter (D)	4.25 Ø

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	380
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#### Amperage

3 phase	32 A
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#### Jacket

Material	PVC Ti2 White
Overall Diameter (D)	13.4 Ø

#### Pulling Force

Max	950 N
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#### Weight

Kg/Km	307
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#### Length

m/yard	91/100
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## H05vv-f 4x6 mm<sup>2</sup> Flexible

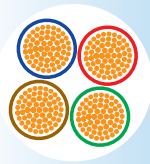
### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

### H05vv-f 4x6 mm<sup>2</sup> flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	6 mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	108
Cross Section	5.3 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	4
Color of Wires	Blue , Brown, Red, Green
Overall Diameter (D)	5.25 Ø

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

3 phase	47 A
---------	------

#### Jacket

Material	PVC Ti2 White
Overall Diameter (D)	16.4 Ø

#### Pulling Force

Max	980 N
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#### Weight

Kg/Km	429
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#### Length

m/yard	91/100
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## H05vv-f 4x10 mm<sup>2</sup> Flexible

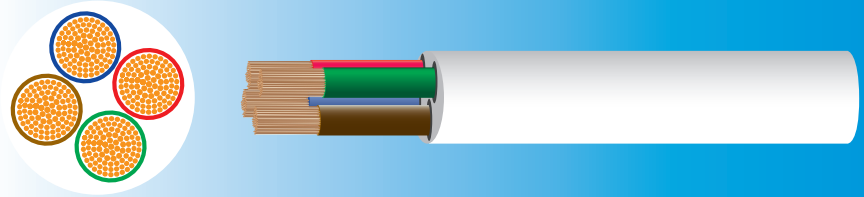
### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with electrical units, water pumps, submersibles and electric motors that high flexibility is required. Also to be used in office equipments like central air conditioner.

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

H05vv-f 4x10 mm<sup>2</sup> flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	10 mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	195
Cross Section	9.56 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	4
Color of Wires	Blue , Brown, Red, Green
Overall Diameter (D)	6.25 Ø

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	Up to 1Kv
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#### Amperage

3 phase	65 A
---------	------

#### Jacket

Material	PVC Ti2 White
Overall Diameter (D)	20.15 Ø

#### Pulling Force

Max	1190 N
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#### Weight

Kg/Km	714
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#### Length

m/yard	91/100
--------	--------



## H05vv-f 4x16 mm2 Flexible

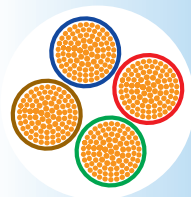
### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with electrical units, water pumps, submersibles and electric motors that high flexibility is required. Also to be used in office equipments like central air conditioner.

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

H05vv-f 4x16 mm2 flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm2	16 mm2 Nominal bunched
Range in mm	0.24 $\leq \emptyset < 0.25$
Material	Copper
Plating	Class 6 extra flexible to BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	320
Cross Section	15.7 mm2

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	4
Color of Wires	Blue , Brown, Red, Green
Overall Diameter (D)	6.65 Ø

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	Up to 1Kv
---	-----------

#### Amperage

3 phase	100 A
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#### Jacket

Material	PVC Ti2 White
Overall Diameter (D)	20 Ø

#### Pulling Force

Max	1350 N
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#### Weight

Kg/Km	935
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#### Length

m/yard	91/100
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## H05vv-f 5x1 mm<sup>2</sup> Flexible

### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

### H05vv-f 5x1 mm<sup>2</sup> flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	1 mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	21
Cross Section	1.03 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	5
Color of Wires	Blue , Brown, Grey, Black, Green
Wire Diameter (D)	2.5 Ø
Filler Core	Yes

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	380
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#### Amperage

3 phase	10 A
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#### Jacket

Material	PVC Ti2 White
Overall Diameter (D)	9.6 Ø

#### Pulling Force

Max	700 N
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#### Weight

Kg/Km	159
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#### Length

m/yard	91/100
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## H05vv-f 5x1.5 mm<sup>2</sup> Flexible

### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

H05vv-f 5x1.5 mm<sup>2</sup> flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	1.5mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	27
Cross Section	1.32 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	5
Color of Wires	Blue , Brown, Grey, Black, Green
Wire Diameter (D)	3 Ø
Material	Pure PVC Ti1
Filler Core	Yes

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	380
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#### Amperage

3 phase	16 A
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#### Jacket

Material	PVC Ti2 White
Overall Diameter (D)	10.7 Ø

#### Pulling Force

Max	750 N
-----	-------

#### Weight

Kg/Km	214
-------	-----

#### Length

m/yard	91/100
--------	--------

## H05vv-f 5x2.5 mm<sup>2</sup> Flexible

### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

H05vv-f 5x2.5 mm<sup>2</sup> flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	2.5 mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	44
Cross Section	2.16 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	5
Color of Wires	Blue , Brown, Grey, Black, Green
Overall Diameter (D)	3.25 Ø
Material	Pure PVC Ti1
Filler Core	Yes

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	380
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#### Amperage

3 phase	25 A
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#### Jacket

Material	PVC Ti2 White
Overall Diameter (D)	13 Ø

#### Pulling Force

Max	790 N
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#### Weight

Kg/Km	258
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#### Length

m/yard	91/100
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## H05vv-f 5x4 mm<sup>2</sup> Flexible

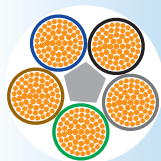
### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment..

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

H05vv-f 5x4 mm<sup>2</sup> flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	4 mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	71
Cross Section	3.5 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	5
Color of Wires	Blue , Brown, Grey, Black, Green
Overall Diameter (D)	4.25 Ø
Material	Pure PVC Ti1
Filler Core	Yes

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
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#### Amperage

3 phase	32 A
---------	------

#### Jacket

Material	PVC Ti2 White
Overall Diameter (D)	16.3 Ø

#### Pulling Force

Max	990 N
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#### Weight

Kg/Km	373
-------	-----

#### Length

m/yard	91/100
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## H05vv-f 5x6 mm<sup>2</sup> Flexible

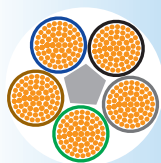
### APPLICATION

cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

### CABLE STANDARDS

2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

### H05vv-f 5x6 mm<sup>2</sup> flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	6 mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	108
Cross Section	5.3 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	5
Color of Wires	Blue , Brown, Grey, Black, Green
Overall Diameter (D)	5.25 Ø
Material	Pure PVC Ti1
Filler Core	Yes

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	380
---	-----

#### Amperage

3 phase	47 A
---------	------

#### Jacket

Material	PVC Ti2 White
Overall Diameter (D)	17.5 Ø

#### Pulling Force

Max	1120 N
-----	--------

#### Weight

Kg/Km

#### Length

m/yard	91/100
--------	--------

## H05vv-f 5x10 mm<sup>2</sup> Flexible

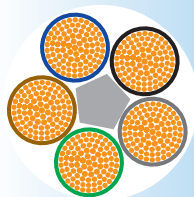
### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with electrical units, water pumps, submersibles and electric motors that high flexibility is required. Also to be used in office equipments like central air conditioner.

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

H05vv-f 5x10 mm<sup>2</sup> flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	10 mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	195
Cross Section	9.56 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	5
Color of Wires	Blue , Brown, Grey, Black, Green
Overall Diameter (D)	6.25 Ø
Material	Pure PVC Ti1

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	Up to 1Kv
---	-----------

#### Amperage

3 phase	65 A
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#### Jacket

Material	PVC Ti2 White
Overall Diameter (D)	21 Ø

#### Pulling Force

Max	1350 N
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#### Weight

Kg/Km	970
-------	-----

#### Length

m/yard	91/100
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## H05vv-f 5x16 mm<sup>2</sup> Flexible

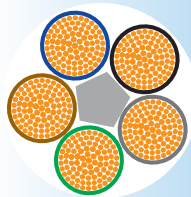
### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with electrical units, water pumps, submersibles and electric motors that high flexibility is required. Also to be used in office equipments like central air conditioner.

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

H05vv-f 5x10 mm<sup>2</sup> flexible



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	16 mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 6 extra flexible to BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	320
Cross Section	15.7 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	5
Color of Wires	Blue , Brown, Grey, Black, Green
Overall Diameter (D)	6.65 Ø
Material	Pure PVC Ti1

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	Up to 1Kv
---	-----------

#### Amperage

3 phase	100 A
---------	-------

#### Jacket

Material	PVC Ti2 White
Overall Diameter (D)	21 Ø

#### Pulling Force

Max	1550 N
-----	--------

#### Weight

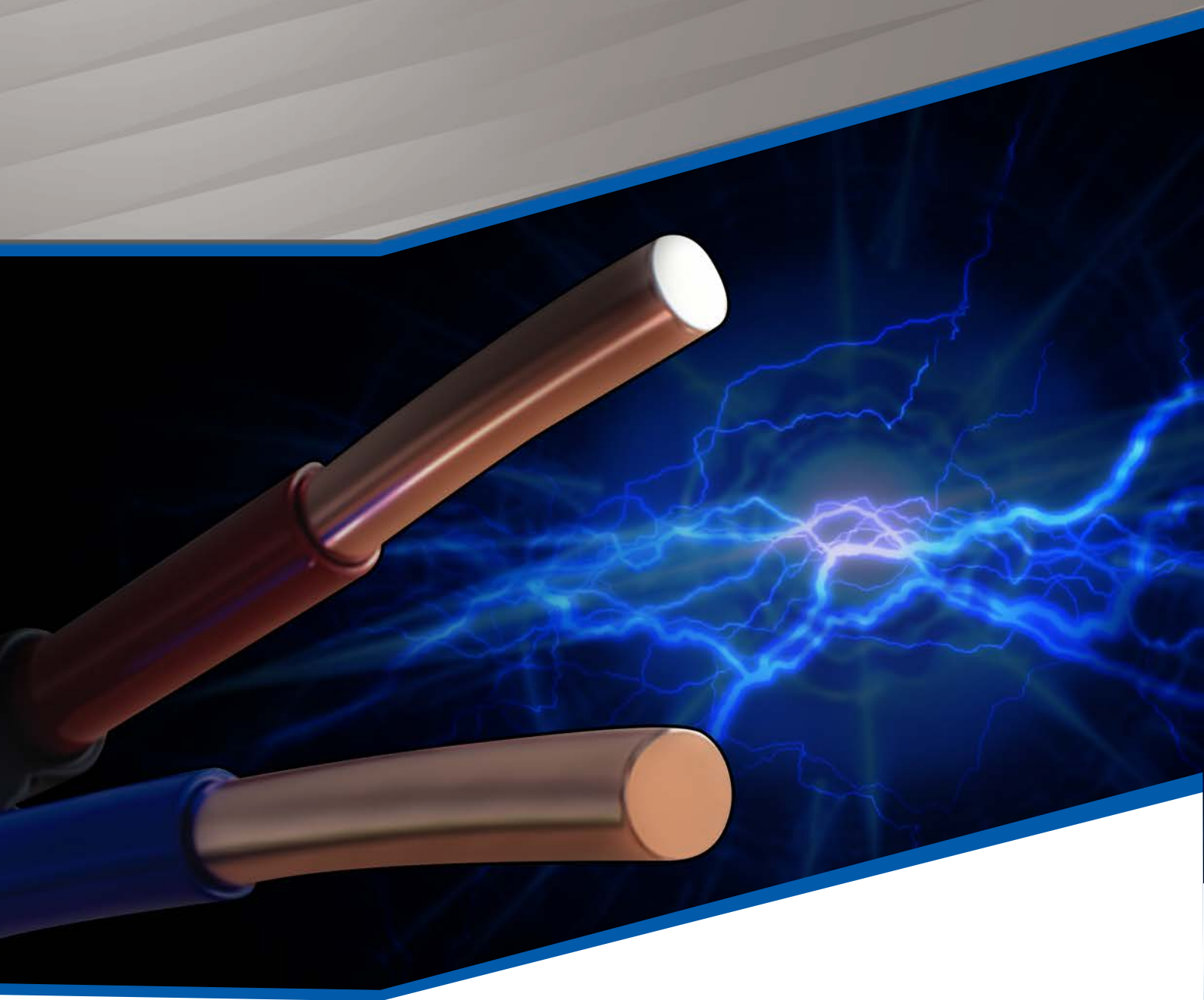
Kg/Km	1035
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#### Length

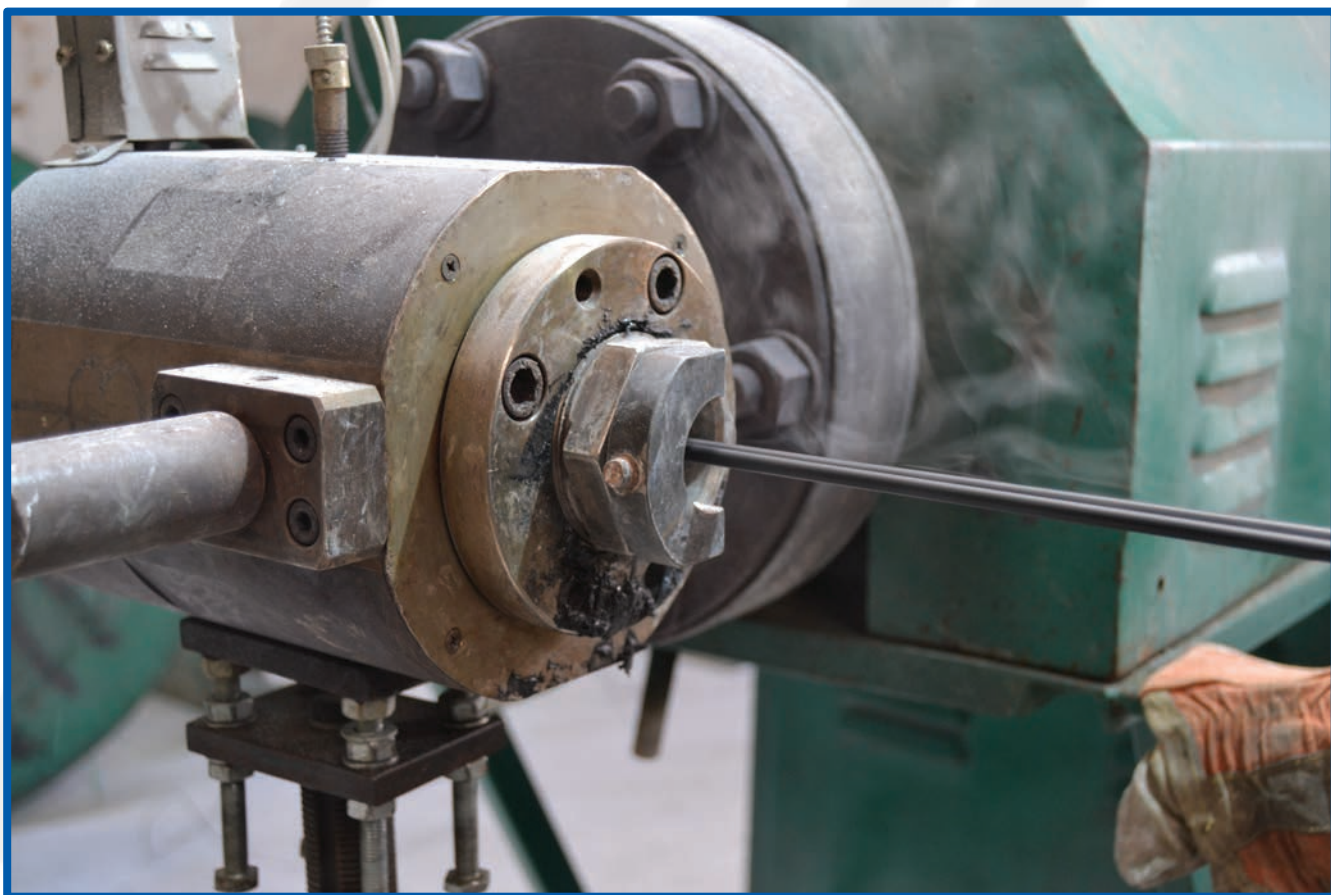
m/yard	91/100
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# Siamese



7 Sizes



## NYIFY

### 2x1.5 mm<sup>2</sup> Siamese Cable

#### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

#### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

#### NYIFY 2x1.5 mm<sup>2</sup> Siamese Cable



#### CABLE SPECIFICATION

##### Conductors

Wire mm <sup>2</sup>	1.5 mm <sup>2</sup> Nominal Bare Solid
Diameter in mm	1.36 Ø ± 5%
Material	Copper
Plating	Class 1 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	1
Cross Section	1.45 mm <sup>2</sup>

##### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

##### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	2
Color of Wires	Black , Red
Overall Diameter (D)	2.25 Ø

##### Temperature Rating

°C	-5 to +70
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##### Voltage Rating

V	300
---	-----

##### Amperage

Inside construction	14.5 A
Outer construction	20 A

##### Jacket

Material	PVC Ti1 Black
Width (W)	11.25 Ø

##### Pulling Force

Max	550 N
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##### Wight

Kg/Km	66
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##### Length

m/yard	91/100
--------	--------

## NYIFY

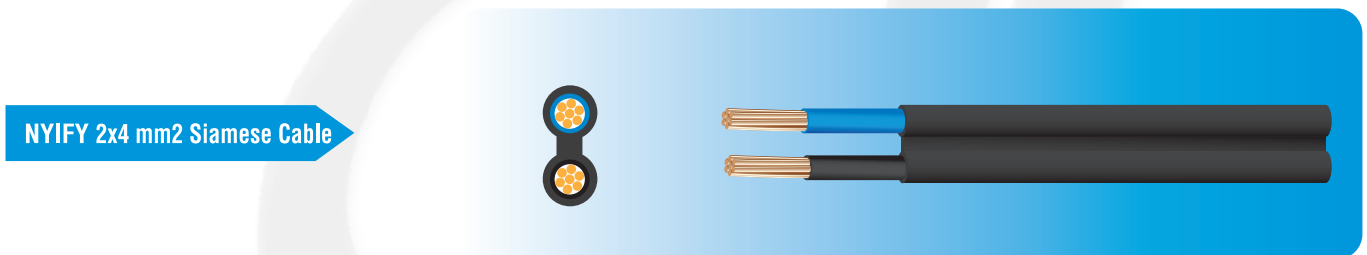
### 2x1.5 mm<sup>2</sup> Siamese Cable (Stranded)

#### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

#### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2



#### CABLE SPECIFICATION

##### Conductors

Wire mm <sup>2</sup>	1.5 mm <sup>2</sup> Nominal bunched
Diameter in mm	0.50 Ø ± 5%
Material	Copper
Plating	Class 2 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	7
Cross Section	1.37 mm <sup>2</sup>

##### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

##### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	2
Color of Wires	Black , Red
Overall Diameter (D)	2.8 Ø

##### Temperature Rating

°C	-5 to +70
----	-----------

##### Voltage Rating

V	300
---	-----

##### Amperage

Inside construction	14.5 A
Outer construction	20 A

##### Jacket

Material	PVC Ti1 Black
Width (W)	11.60

##### Pulling Force

Max	580 N
-----	-------

##### Wight

Kg/Km	70
-------	----

##### Length

m/yard	91/100
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## NYIFY

### 2x2.5 mm<sup>2</sup> Siamese Cable

#### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

#### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

#### NYIFY 2x2.5 mm<sup>2</sup> Siamese Cable



#### CABLE SPECIFICATION

##### Conductors

Wire mm <sup>2</sup>	2.5 mm <sup>2</sup> Nominal
Diameter in mm	Bare Solid 1.76 Ø ± 5%
Material	Copper
Plating	Class 1 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	1
Cross Section	2.4 mm <sup>2</sup>

##### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

##### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	2
Color of Wires	Black , Red
Overall Diameter (D)	3.8 Ø

##### Temperature Rating

°C	-5 to +70
----	-----------

##### Voltage Rating

V	300
---	-----

##### Amperage

Inside construction	20 A
Outer construction	27 A

##### Jacket

Material	PVC Ti1 Black
Width (W)	12.3

##### Pulling Force

Max	650 N
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##### Wight

Kg/Km	88
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##### Length

m/yard	91/100
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## NYIFY

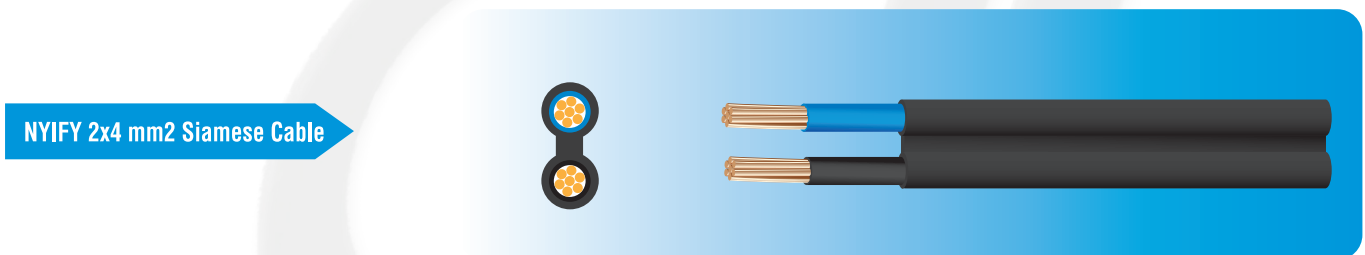
### 2x2.5 mm<sup>2</sup> Siamese Cable (Stranded)

#### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

#### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2



CABLE SPECIFICATION		
Conductors	Wire mm <sup>2</sup> Diameter in mm Material Plating Elongation Number of Wires Cross Section	2.5 mm <sup>2</sup> Nominal Bunched 0.65 Ø ± 5% Copper Class 2 BS EN 60228 20% per EN 50288- 1 7 2.32 mm <sup>2</sup>
Insulation Layer 1	Material Color	Pure PVC Ti1 White
Insulation Layer 2	Material Number of Wires Color of Wires Overall Diameter (D)	PVC Ti1 Colored 2 Black , Red 3.8 Ø
Temperature Rating	°C	-5 to +70
Voltage Rating	V	300
Amperage	Inside construction Outer construction	20 A 27 A
Jacket	Material Width (W)	PVC Ti1 Black 12.60
Pulling Force	Max	700 N
Wight	Kg/Km	92
Length	m/yard	91/100

## NYIFY

### 2x4 mm<sup>2</sup> Siamese Cable (Stranded)

#### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

#### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

NYIFY 2x4 mm<sup>2</sup> Siamese Cable



#### CABLE SPECIFICATION

##### Conductors

Wire mm <sup>2</sup>	4 mm <sup>2</sup> Nominal Bare Solid
Diameter in mm	0.85 Ø ± 5%
Material	Copper
Plating	Class 2 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	7
Cross Section	3.97 mm <sup>2</sup>

##### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

##### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	2
Color of Wires	Black , Red
Overall Diameter (D)	3.8 Ø

##### Temperature Rating

°C	-5 to +70
----	-----------

##### Voltage Rating

V	300
---	-----

##### Amperage

Inside construction	26 A
Outer construction	37 A

##### Jacket

Material	PVC Ti1 Black
----------	---------------

##### Pulling Force

Width (W)	14.62
-----------	-------

Max	700 N
-----	-------

##### Wight

Kg/Km	132
-------	-----

##### Length

m/yard	91/100
--------	--------

## NYIFY

### 3x1.5 mm<sup>2</sup> Siamese Cable

#### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

#### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2

#### NYIFY 3x1.5 mm<sup>2</sup> Siamese Cable



#### CABLE SPECIFICATION

##### Conductors

Wire mm <sup>2</sup>	1.5 mm <sup>2</sup> Nominal Bare Solid
Diameter in mm	1.36 Ø ± 5%
Material	Copper
Plating	Class 1 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	1
Cross Section	1.45 mm <sup>2</sup>

##### Insulation Layer 1

Material	Pure PVC Ti1
Color	White

##### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	3
Color of Wires	Black , Red, Green
Overall Diameter (D)	2.25 Ø

##### Temperature Rating

°C	-5 to +70
----	-----------

##### Voltage Rating

V	300
---	-----

##### Amperage

Inside construction	13.5 A
Outer construction	18 A

##### Jacket

Material	PVC Ti1 Black
----------	---------------

##### Pulling Force

Width (W)	16.98
-----------	-------

##### Wight

Max	570 N
-----	-------

##### Length

Kg/Km	99
m/yard	91/100



## NYIFY

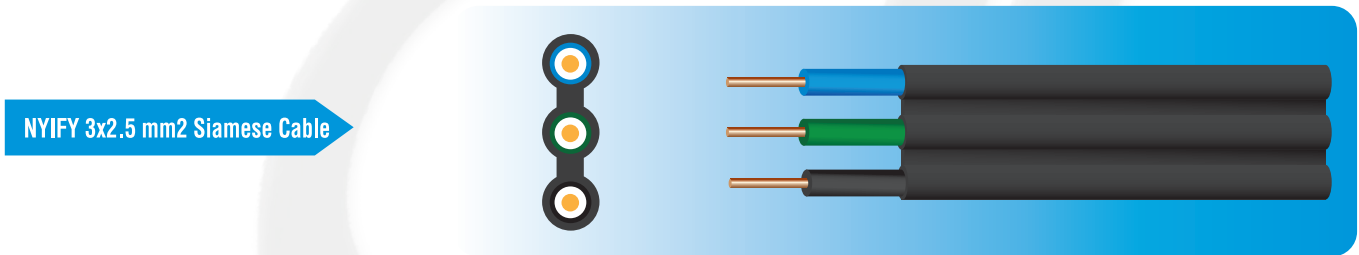
### 3x2.5 mm<sup>2</sup> Siamese Cable

#### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

#### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5), VDE 281, BS EN/IEC 60332-1-2



CABLE SPECIFICATION		
NYIFY 3x2.5 mm <sup>2</sup> Siamese Cable		
Conductors	Wire mm <sup>2</sup>	2.5 mm <sup>2</sup> Nominal Bare Solid
	Diameter in mm	1.76 Ø ± 5%
	Material	Copper
	Plating	Class 1 BS EN 60228
	Elongation	20% per EN 50288- 1
	Number of Wires	1
	Cross Section	2.4 mm <sup>2</sup>
Insulation Layer 1	Material	Pure PVC Ti1
	Color	White
Insulation Layer 2	Material	PVC Ti1 Colored
	Number of Wires	3
	Color of Wires	Black , Red, Green
Temperature Rating	Overall Diameter (D)	6.7 Ø
	°C	-5 to +70
Voltage Rating	V	300
Amperage	Inside construction	18 A
	Outer construction	25 A
Jacket	Material	PVC Ti1 Black
	Width (W)	17.3
Pulling Force	Max	670 N
Wight	Kg/Km	132
Length	m/yard	91/100

# Single



6 Sizes



# Single

## H07V-R 1.5 mm<sup>2</sup> Single Wire

### APPLICATION

Suitable for power and lighting circuits and building wiring. The cable is intended for use in semi-flush exposed conduits and embedded conduits as well as in closed installation ducts, and is ideal for the internal wiring of appliances.

### CABLE STANDARDS

BS EN 50525-2-31 (previously BS 6004), BS EN/IEC 60332-1-2

### H07V-R 1.5 mm<sup>2</sup> Single Wire



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	1.5mm <sup>2</sup> Nominal bunched
Diameter in mm	0.50 Ø ± 5%
Material	Copper
Plating	Class 2 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	7
Cross Section	1.37 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color of Wires	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Color	Black , Red , Blue , Green , Yellow , Brown
Overall Diameter (D)	3 Ø

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

Inside Construction	15 A
Outer Construction	21 A

#### Pulling Force

Max	90 N
-----	------

#### Wight

Kg/Km	22
-------	----

#### Length

m/yard	91/100
--------	--------

# Single

## H07V-R 2.5 mm<sup>2</sup> Single Wire

### APPLICATION

Suitable for power and lighting circuits and building wiring. The cable is intended for use in semi-flush exposed conduits and embedded conduits as well as in closed installation ducts, and is ideal for the internal wiring of appliances.

### CABLE STANDARDS

BS EN 50525-2-31 (previously BS 6004), BS EN/IEC 60332-1-2

### H07V-R 2.5 mm<sup>2</sup> Single Wire



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	2.5mm <sup>2</sup> Nominal bunched
Diameter in mm	0.65 Ø ± 5%
Material	Copper
Plating	Class 2 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	7
Cross Section	2.32 mm <sup>2</sup>

#### Insulation Layer 1

Material Pure PVC Ti1

#### Insulation Layer 2

Color of Wires White

Material PVC Ti1 Colored

Color Black , Red , Blue , Green , Yellow , Brown

Overall Diameter (D) 3.5 Ø

#### Temperature Rating

°C -5 to +70

#### Voltage Rating

V 300

#### Amperage

Inside Construction 24 A  
Outer Construction 28 A

#### Pulling Force

Max 110 N

#### Wight

Kg/Km 32

#### Length

m/yard 91/100

# Single

## H07V-R 4 mm<sup>2</sup> Single Wire

### APPLICATION

Suitable for power and lighting circuits and building wiring. The cable is intended for use in semi-flush exposed conduits and embedded conduits as well as in closed installation ducts, and is ideal for the internal wiring of appliances.

### CABLE STANDARDS

BS EN 50525-2-31 (previously BS 6004), BS EN/IEC 60332-1-2

### H07V-R 4 mm<sup>2</sup> Single Wire



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	4 mm <sup>2</sup> Nominal bunched
Diameter in mm	0.85 Ø ± 5%
Material	Copper
Plating	Class 2 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	7
Cross Section	3.97 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color of Wires	White

#### Insulation Layer 2

Material	PVC Ti1
Overall Diameter (D)	4.25 Ø
Color	Black , Red , Blue , Green , Yellow , Brown

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

Inside Construction	28
Outer Construction	38

#### Pulling Force

Max	140 N
-----	-------

#### Wight

Kg/Km	49
-------	----

#### Length

m/yard	91/100
--------	--------

# Single

## H07V-R 6 mm<sup>2</sup> Single Wire

### APPLICATION

Suitable for power and lighting circuits and building wiring. The cable is intended for use in semi-flush exposed conduits and embedded conduits as well as in closed installation ducts, and is ideal for the internal wiring of appliances.

### CABLE STANDARDS

BS EN 50525-2-31 (previously BS 6004), BS EN/IEC 60332-1-2

### H07V-R 6 mm<sup>2</sup> Single Wire



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	6 mm <sup>2</sup> Nominal bunched
Diameter in mm	1.04 Ø ± 5%
Material	Copper
Plating	Class 2 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	7
Cross Section	5.94 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
Color of Wires	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Color	Black , Red , Blue , Green , Yellow , Brown
Overall Diameter (D)	5.2 Ø

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

Inside Construction	44 A
Outer Construction	50 A

#### Pulling Force

Max	160 N
-----	-------

#### Wight

Kg/Km	72
-------	----

#### Length

m/yard	91/100
--------	--------

# Single

## H07V-R 10 mm<sup>2</sup> Single Wire

### APPLICATION

Suitable for power and lighting circuits and building wiring. The cable is intended for use in semi-flush exposed conduits and embedded conduits as well as in closed installation ducts, and is ideal for the internal wiring of appliances.

### CABLE STANDARDS

BS EN 50525-2-31 (previously BS 6004), BS EN/IEC 60332-1-2

### H07V-R 10 mm<sup>2</sup> Single Wire



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	10 mm <sup>2</sup> Nominal bunched
Diameter in mm	1.30 Ø ± 5%
Material	Copper
Plating	Class 2 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	7
Cross Section	9.3 mm <sup>2</sup>

#### Insulation Layer 1

Material Pure PVC Ti1

#### Insulation Layer 2

Color of Wires White

Material PVC Ti1 Colored

Color Black , Red , Blue , Green , Yellow , Brown

Overall Diameter (D) 6.2 Ø

#### Temperature Rating

°C -5 to +70

#### Voltage Rating

V 600

#### Amperage

Inside Construction 49

Outer Construction 67

#### Pulling Force

Max 190 N

#### Wight

Kg/Km 118

#### Length

m/yard 91/100



# Single

## H07V-R 16 mm<sup>2</sup> Single Wire

### APPLICATION

Suitable for power and lighting circuits and building wiring. The cable is intended for use in semi-flush exposed conduits and embedded conduits as well as in closed installation ducts, and is ideal for the internal wiring of appliances.

### CABLE STANDARDS

BS EN 50525-2-31 (previously BS 6004), BS EN/IEC 60332-1-2

### H07V-R16 mm<sup>2</sup> Single Wire



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	16 mm <sup>2</sup> Nominal bunched
Diameter in mm	1.68 Ø ± 5%
Material	Copper
Plating	Class 2 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	7
Cross Section	15.5 mm <sup>2</sup>

#### Insulation Layer 1

Material	Pure PVC Ti1
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#### Insulation Layer 2

Color of Wires	White
Material	PVC Ti1
Color	Black , Red , Blue , Green , Yellow , Brown

#### Temperature Rating

Overall Diameter (D)	6.5 Ø
°C	-5 to +70

#### Voltage Rating

V	750
---	-----

#### Amperage

Inside Construction	56
Outer Construction	73

#### Pulling Force

Max	210 N
-----	-------

#### Wight

Kg/Km	140
-------	-----

#### Length

m/yard	91/100
--------	--------

# Fire Alarm Cable



2 Sizes

# Fire Alarm Cable

## Tri-rated 2x16 AWG Alarm Cable

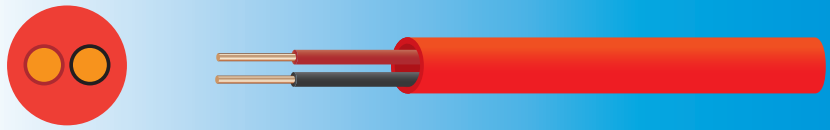
### APPLICATION

High temperature, flame retardant cable designed for use in the switch control, relay and instrumentation panels of power switchgear and for purposes such as internal connectors in rectifier equipment, motor starters and controllers.

### CABLE STANDARDS

BS EN 50525-2-31 \* BS 6231 Type CK, UL Subj.758, CSA C22.2 No. 210 (HD 21.7 S2) #LL246095, BS EN/IEC 60332

### Tri-rated 2x16 AWG Alarm Cable



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	1.5 mm <sup>2</sup> Nominal
Diameter in mm	Bare Solid 1.35 Ø ± 5%
Material	Copper
Plating	Class 1 EN BS6231
Elongation	20% per EN 50288- 1
Number of Wires	1
Cross Section	1.45 mm <sup>2</sup>

#### Insulation Layer

Material	Pure PVC Ti1 Colored
Overall Diameter	2.25 Ø
Number of Wires	2
Color of Wires	Black , Red
Overall Diameter (D)	6.9 Ø

#### Temperature Rating

°C	-5 to +105
----	------------

#### Voltage Rating

V	450/750V
---	----------

#### Amperage

Inside construction	20 A
Outer construction	27 A

#### Jacket

Material	PVC Ti3 Fire Retardant Red
----------	----------------------------

#### Pulling Force

Max	350 N
-----	-------

#### Weight

Kg/Km	32
-------	----

#### Length

m/yard	91/100
--------	--------

# Fire Alarm Cable

## Tri-rated 2x14 AWG Alarm Cable

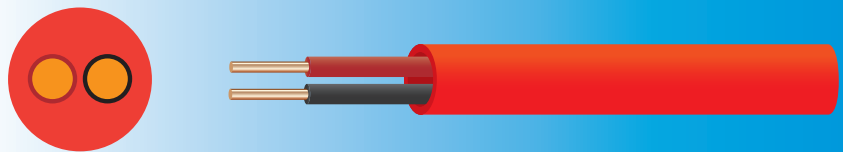
### APPLICATION

High temperature, flame retardant cable designed for use in the switch control, relay and instrumentation panels of power switchgear and for purposes such as internal connectors in rectifier equipment, motor starters and controllers.

### CABLE STANDARDS

BS EN 50525-2-31 \* BS 6231 Type CK, UL Subj.758, CSA C22.2 No. 210 (HD 21.7 S2) #LL246095, BS EN/IEC 60332

### Tri-rated 2x14 AWG Alarm Cable



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	2.5 mm <sup>2</sup> Nominal Bare Solid
Diameter in mm	1.76 Ø ± 5%
Material	Copper
Plating	Class 1 EN BS6231
Elongation	20% per EN 50288- 1
Number of Wires	1
Cross Section	2.4 mm <sup>2</sup>

#### Insulation Layer

Material	Pure PVC Ti1 Colored
Overall Diameter	4 Ø
Number of Wires	2
Color of Wires	Black , Red
Overall Diameter (D)	9.8 Ø

#### Temperature Rating

°C	-5 to +105
----	------------

#### Voltage Rating

V	450/750V
---	----------

#### Amperage

Inside construction	20 A
Outer construction	27 A

#### Jacket

Material	PVC Ti3 Red
----------	-------------

#### Pulling Force

Max	450 N
-----	-------

#### Weight

Kg/Km	50
-------	----

#### Length

m/yard	91/100
--------	--------

# Cable



**10 Sizes**



# Cable

## NYA 2X4 mm<sup>2</sup> Stranded Cable

### APPLICATION

Power and control cable for fixed installation. Can be used indoors, outdoors, underground, in concrete and in water

### CABLE STANDARDS

BS EN/IEC 60332-1

#### NYA 2X4 mm<sup>2</sup> Stranded Cable



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	4 mm <sup>2</sup> Nominal bunched
Range in mm	0.85 Ø ± 5%
Material	Copper
Plating	Class 2 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	7
Cross Section	3.97 mm <sup>2</sup>

#### Insulation

Material	PVC Ti1
Overall Diameter	4 Ø
Number of Wires	2
Color of wires	Black , Red

#### Filler

Diameter	9.5 Ø
Material	PVC type 6
Color	Black

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

Inside construction	37 A
Outer construction	33 A

#### Jacket

Material	PVC Ti1
Color	Black
Overall Diameter (D)	12.5 Ø

#### Pulling Force

Max.	950 N
------	-------

#### Weight

Kg/Km	200
-------	-----

#### Length

m	100
---	-----

## NYA 2X6 mm<sup>2</sup> Stranded Cable

### APPLICATION

Power and control cable for fixed installation. Can be used indoors, outdoors, underground, in concrete and in water .

### CABLE STANDARDS

BS EN/IEC 60502-1, BS EN/IEC 60332-1-2

#### NYA 2X6 mm<sup>2</sup> Stranded Cable



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	6 mm <sup>2</sup> Nominal bunched
Range in mm	1.04 Ø ± 5%
Material	Copper
Plating	Class 2 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	7
Cross Section	5.94 mm <sup>2</sup>

#### Insulation

Material	PVC Ti1
Overall Diameter	5 Ø
Number of Wires	2
Color of wires	Black , Red

#### Filler

Diameter	11.5 Ø
Material	PVC type 6
Color	Black

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

Inside construction	47 A
Outer construction	43 A

#### Jacket

Material	PVC Ti1
Color	Black
Overall Diameter (D)	13.5 Ø

#### Pulling Force

Max.	1120 N
------	--------

#### Weight

Kg/Km	290
-------	-----

#### Length

m	100
---	-----



## NYA 2X10 mm<sup>2</sup> Stranded Cable

### APPLICATION

Power and control cable for fixed installation. Can be used indoors, outdoors, underground, in concrete and in water.

### CABLE STANDARDS

BS EN/IEC 60502-1, BS EN/IEC 60332-1-2

NYA 2X10 mm<sup>2</sup> Stranded Cable



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	10 mm <sup>2</sup> Nominal bunched
Range in mm	1.30 Ø ± 5%
Material	Copper
Plating	Class 2 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	7
Cross Section	9.6 mm <sup>2</sup>

#### Insulation

Material	PVC Ti1 Natural
Overall Diameter	6 Ø
Number of Wires	2
Color of wires	Black , Red

#### Filler

Diameter	13 Ø
Material	PVC type 6
Color	Black

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	0.6/1kv
---	---------

#### Amperage

Inside construction	65 A
Outer construction	59 A

#### Jacket

Material	PVC Ti1
Color	Black
Overall Diameter (D)	16.5 Ø

#### Pulling Force

Max.	1180 N
------	--------

#### Weight

Kg/Km	450
-------	-----

#### Length

m	100
---	-----

## NYA 3X6 mm<sup>2</sup> Stranded Cable

### APPLICATION

Power and control cable for fixed installation. Can be used indoors, outdoors, underground, in concrete and in water.

### CABLE STANDARDS

BS EN/IEC 60502-1, BS EN/IEC 60332-1-2

#### NYA 3X6 mm<sup>2</sup> Stranded Cable



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	6 mm <sup>2</sup> Nominal bunched
Range in mm	1.04 Ø ± 5%
Material	Copper
Plating	Class 2 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	7
Cross Section	5.94 mm <sup>2</sup>

#### Insulation

Material	PVC Ti1 Natural
Overall Diameter	5 Ø
Number of Wires	3
Color of wires	Black , Red, Green

#### Filler

Diameter	12 Ø
Material	PVC type 6
Color	Black

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300/450
---	---------

#### Amperage

Inside construction	47 A
Outer construction	43 A

#### Jacket

Material	PVC Ti1
Color	Black
Overall Diameter (D)	15 Ø

#### Pulling Force

Max.	1800 N
------	--------

#### Weight

Kg/Km	390
-------	-----

#### Length

m	100
---	-----

## NYA 4X4 mm<sup>2</sup> Stranded Cable

### APPLICATION

Power and control cable for fixed installation. Can be used indoors, outdoors, underground, in concrete and in water.

### CABLE STANDARDS

BS EN/IEC 60502-1, BS EN/IEC 60332-1-2

#### NYA 4X4 mm<sup>2</sup> Stranded Cable



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	4 mm <sup>2</sup> Nominal bunched
Range in mm	0.85 Ø ± 5%
Material	Copper
Plating	Class 2 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	7
Cross Section	3.97 mm <sup>2</sup>

#### Insulation

Material	PVC Ti1 Natural
Overall Diameter	4 Ø
Number of Wires	4
Color of wires	Black , Red, Blue, Green

#### Filler

Diameter	13 Ø
Material	PVC type 6
Color	Black

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300/450
---	---------

#### Amperage

Inside construction	37 A
Outer construction	33 A

#### Jacket

Material	PVC Ti1
Color	Black
Overall Diameter (D)	15.7 Ø

#### Pulling Force

Max.	1150 N
------	--------

#### Weight

Kg/Km	340
-------	-----

#### Length

m	100
---	-----

# Cable

## NYA 4X6 mm<sup>2</sup> Stranded Cable

### APPLICATION

Power and control cable for fixed installation. Can be used indoors, outdoors, underground, in concrete and in water.

### CABLE STANDARDS

BS EN/IEC 60502-1, BS EN/IEC 60332-1-2

#### NYA 4X6 mm<sup>2</sup> Stranded Cable



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	6 mm <sup>2</sup> Nominal bunched
Range in mm	1.04 Ø ± 5%
Material	Copper
Plating	Class 2 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	7
Cross Section	5.94 mm <sup>2</sup>

#### Insulation

Material	PVC Ti1 Natural
Overall Diameter	5 Ø
Number of Wires	4
Color of wires	Black , Red, Blue, Green

#### Filler

Diameter	13.5 Ø
Material	PVC type 6
Color	Black

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300/450
---	---------

#### Amperage

Inside construction	47 A
Outer construction	43 A

#### Jacket

Material	PVC Ti1
Color	Black
Overall Diameter (D)	16.5 Ø

#### Pulling Force

Max.	2100 N
------	--------

#### Weight

Kg/Km	490
-------	-----

#### Length

m	100
---	-----

# Cable

## NYA 4X10 mm<sup>2</sup> Stranded Cable

### APPLICATION

Power and control cable for fixed installation. Can be used indoors, outdoors, underground, in concrete and in water.

### CABLE STANDARDS

BS EN/IEC 60502-1, BS EN/IEC 60332-1-2

#### NYA 4X10 mm<sup>2</sup> Stranded Cable



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	10 mm <sup>2</sup> Nominal bunched
Range in mm	1.30 Ø ± 5%
Material	Copper
Plating	Class 2 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	7
Cross Section	9.6 mm <sup>2</sup>

#### Insulation

Material	PVC Ti1 Natural
Overall Diameter	6 Ø
Number of Wires	4
Color of wires	Black , Red, Blue, Green

#### Filler

Diameter	17 Ø
Material	PVC type 6
Color	Black

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	0.6/1kv
---	---------

#### Amperage

Inside construction	65 A
Outer construction	59 A

#### Jacket

Material	PVC Ti1
Color	Black
Overall Diameter (D)	20.5 Ø

#### Pulling Force

Max.	2300 N
------	--------

#### Weight

Kg/Km	780
-------	-----

#### Length

m	100
---	-----

## NYA 4X16 mm<sup>2</sup> Stranded Cable

### APPLICATION

Power and control cable for fixed installation. Can be used indoors, outdoors, underground, in concrete and in water.

### CABLE STANDARDS

BS EN/IEC 60502-1, BS EN/IEC 60332-1-2BS EN/IEC 60502-1, BS EN/IEC 60332-1-2

#### NYA 4X16 mm<sup>2</sup> Stranded Cable



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	16 mm <sup>2</sup> Nominal bunched
Range in mm	1.68 Ø ± 5%
Material	Copper
Plating	Class 2 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	7
Cross Section	3.97 mm <sup>2</sup>

#### Insulation

Material	PVC Ti1 Natural
Overall Diameter	7 Ø
Number of Wires	4
Color of wires	Black , Red, Blue, Green

#### Filler

Diameter	19.7 Ø
Material	PVC type 6
Color	Black

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	0.6/1kv
---	---------

#### Amperage

Inside construction	87 A
Outer construction	79 A

#### Jacket

Material	PVC Ti1
Color	Black
Overall Diameter (D)	22.7 Ø

#### Pulling Force

Max.	2500 N
------	--------

#### Weight

Kg/Km	1040
-------	------

#### Length

m	100
---	-----

## NYA 4X25 mm<sup>2</sup> Stranded Cable

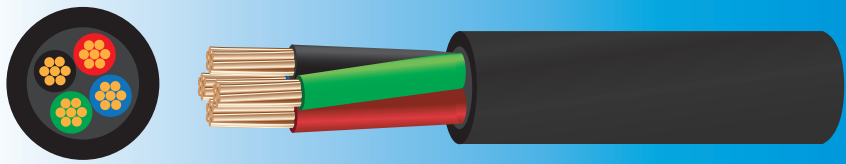
### APPLICATION

Power and control cable for fixed installation. Can be used indoors, outdoors, underground, in concrete and in water.

### CABLE STANDARDS

BS EN/IEC 60502-1, BS EN/IEC 60332-1-2

#### NYA 4X25 mm<sup>2</sup> Stranded Cable



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	25 mm <sup>2</sup> Nominal bunched
Range in mm	2.1 Ø ± 5%
Material	Copper
Plating	Class 2 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	7
Cross Section	24.2 mm <sup>2</sup>

#### Insulation

Material	PVC Ti1 Natural
Overall Diameter	8 Ø
Number of Wires	4
Color of wires	Black , Red, Blue, Green

#### Filler

Diameter	22.7 Ø
Material	PVC type 6
Color	Black

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	0.6/1kv
---	---------

#### Amperage

Inside construction	114 A
Outer construction	105 A

#### Jacket

Material	PVC Ti1
Color	Black
Overall Diameter (D)	26 Ø

#### Pulling Force

Max.	2750 N
------	--------

#### Weight

Kg/Km	1430
-------	------

#### Length

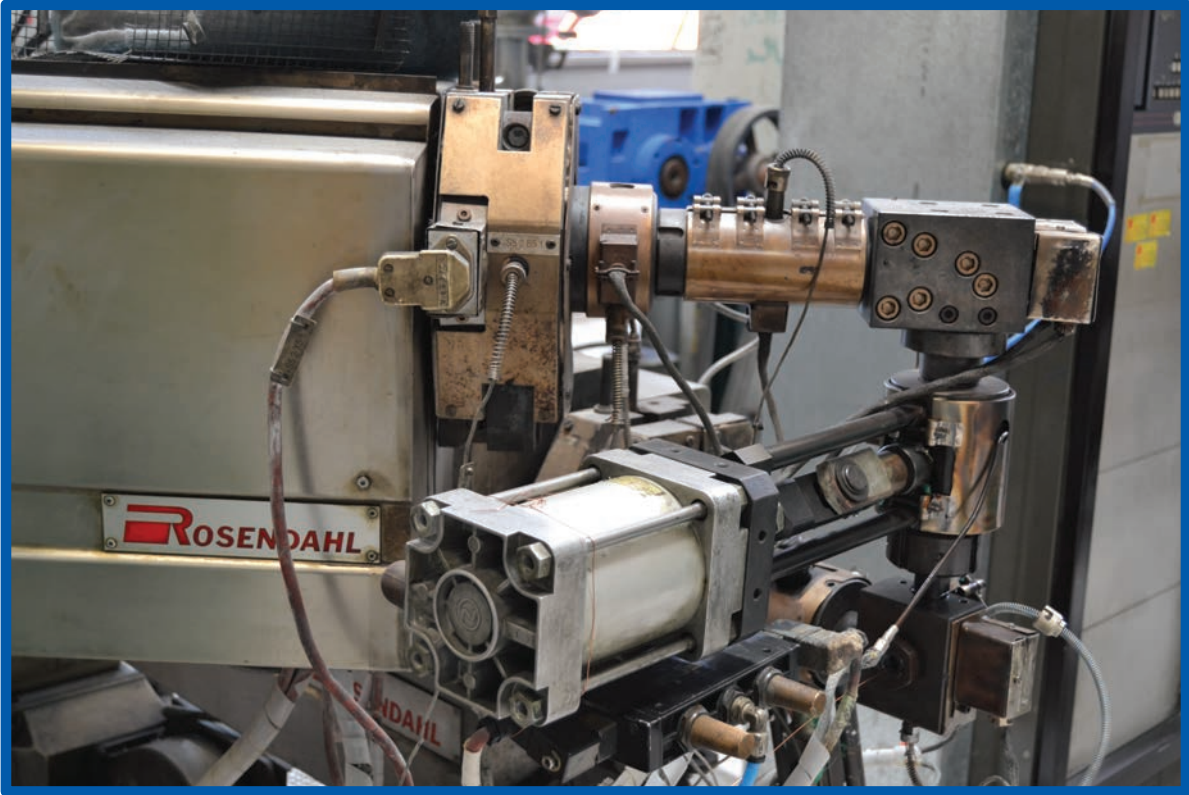
m	100
---	-----

# Data Cables



**14 Sizes**





# Data Cables

## CW1308

### 1 Pair Telecom Cable

#### APPLICATION

Telecom cables primarily designed for the interconnection of telephone equipment which is installed indoors. In addition these cables may be used for the interconnection of other communication and control equipment or low level signaling applications.

#### CABLE STANDARDS

1 Pair Telephone cable exceeds TIA/EIA-568-B.2, TIA/EIA 568-C and ISO/IEC 11801 Class D, IEC61156-5, IEC60332-1, EN50288 and EN50173-1 performance requirements, providing extra headroom for a more robust cabling system.

#### CW1308 1 Pair Telecom Cable



#### CABLE SPECIFICATION

##### Conductors

Wire AWG	24 AWG Nominal Solid
Range in mm	0.4850 <math>\phi</math> <math>< \phi</math> <math>< 0.520</math>
Material	Copper
Plating	Bare
Elongation	17% per EN 50288- 1

##### Insulation

Material	High Density Polyethylene HDPE
Overall Diameter	0.90 $\phi$
Number of Wires	2

##### Jacket

Material	PVC Ti1 Grey
Overall Diameter (D)	4 $\phi$

##### Pulling Force

Max.	90 N
------	------

##### Impedance

Resistance	9.38 $\Omega$
Frequency	1 MHz to 350 MHz

##### Propagation delay

ns	538 ns/100 m max. @ 100 MHz
----	-----------------------------

##### Skew

ns	25 ns/100 m max
----	-----------------

##### Mutual capacitance

nF	5.6 nF max/100 m
----	------------------

##### Voltage

V	300 Volts AC or DC
---	--------------------

##### Operating temperature

$^{\circ}\text{C}$	-20 $^{\circ}\text{C}$ to 70 $^{\circ}\text{C}$
--------------------	---

##### Weight

Kg/Km	13
-------	----

## CW1308

### 2 Pair Telecom Cable

#### APPLICATION

Cables primarily designed for the interconnection of telephone equipment which is installed indoors. In addition these cables may be used for the interconnection of other communication and control equipment or low level signalling applications.

#### CABLE STANDARDS

2 Pair Telephone cable exceeds TIA/EIA-568-B.2, TIA/EIA 568-C and ISO/IEC 11801 Class D, IEC61156-5, IEC60332-1, EN50288 and EN50173-1 performance requirements, providing extra headroom for a more robust cabling system.

#### CW1308 2 Pair Telecom Cable



#### CABLE SPECIFICATION

##### Conductors

Wire AWG	24 AWG Nominal Solid
Range in mm	0.4850 <math>\phi</math> <math>< \phi = <math>0.520</math></math>
Material	Copper
Plating	Class 1 Bare Solid Wire
Elongation	17% per EN 50288- 1

##### Insulation

Material	High Density Polyethylene HDPE
Overall Diameter	0.90 $\phi$
Number of Wires	4

##### Jacket

Material	PVC Ti1 Grey
Overall Diameter (D)	4.5 $\phi$

##### Pulling Force

Max.	150 N
------	-------

##### Impedance

Resistance	9.38 $\Omega$
Frequency	1 MHz to 350 MHz

##### Propagation delay

ns	538 ns/100 m max. @ 100 MHz
----	-----------------------------

##### Skew

ns	25 ns/100 m max
----	-----------------

##### Mutual capacitance

nF	5.6 nF max/100 m
----	------------------

##### Voltage

V	300 Volts AC or DC
---	--------------------

##### Operating temperature

$^{\circ}\text{C}$	-20 $^{\circ}\text{C}$ to 70 $^{\circ}\text{C}$
--------------------	---

##### Weight

Kg/Km	22
-------	----

# Data Cables

## CW1308

### 3 Pair Telecom Cable

#### APPLICATION

Cables primarily designed for the interconnection of telephone equipment which is installed indoors. In addition these cables may be used for the interconnection of other communication and control equipment or low level signalling applications.

#### CABLE STANDARDS

3 Pair Telephone cable exceeds TIA/EIA-568-B.2, TIA/EIA 568-C and ISO/IEC 11801 Class D, IEC61156-5, IEC60332-1, EN50288 and EN50173-1 performance requirements, providing extra headroom for a more robust cabling system.

#### CW1308 3 Pair Telecom Cable



#### CABLE SPECIFICATION

##### Conductors

Wire AWG	24 AWG Nominal Solid
Range in mm	0.4850 <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math>
Material	Copper
Plating	Class 1 Bare Solid Wire
Elongation	17% per EN 50288- 1

##### Insulation

Material	High Density Polyethylene HDPE
Overall Diameter	0.90 $\varnothing$
Number of Wires	6

##### Jacket

Material	PVC Ti1 Grey
Overall Diameter (D)	4.7 $\varnothing$

##### Pulling Force

Max.	300 N
------	-------

##### Impedance

Resistance	9.38 $\Omega$
Frequency	1 MHz to 350 MHz

##### Propagation delay

ns	538 ns/100 m max. @ 100 MHz
----	-----------------------------

##### Skew

ns	25 ns/100 m max
----	-----------------

##### Mutual capacitance

nF	5.6 nF max/100 m
----	------------------

##### Voltage

V	300 Volts AC or DC
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##### Operating temperature

$^{\circ}\text{C}$	-20 $^{\circ}\text{C}$ to 70 $^{\circ}\text{C}$
--------------------	---

##### Weight

Kg/Km	27
-------	----

# Data Cables

## CW1308 4 Pair Telecom Cable

### APPLICATION

Cables primarily designed for the interconnection of telephone equipment which is installed indoors. In addition these cables may be used for the interconnection of other communication and control equipment or low level signalling applications.

### CABLE STANDARDS

4 Pair Telephone cable exceeds TIA/EIA-568-B.2, TIA/EIA 568-C and ISO/IEC 11801 Class D, IEC61156-5, IEC60332-1, EN50288 and EN50173-1 performance requirements, providing extra headroom for a more robust cabling system.

### CW1308 4 Pair Telecom Cable



### CABLE SPECIFICATION

#### Conductors

Wire AWG	24 AWG Nominal Solid
Range in mm	0.4850 <math><\varnothing</math> = <math><\varnothing</math> <math>< 0.520</math>
Material	Copper
Plating	Class 1 Bare Solid Wire
Elongation	17% per EN 50288- 1

#### Insulation

Material	High Density Polyethylene HDPE
Overall Diameter	0.90 $\varnothing$
Number of Wires	8

#### Jacket

Material	PVC Ti1 Grey
Overall Diameter (D)	5 $\varnothing$

#### Pulling Force

Max.	400 N
------	-------

#### Impedance

Resistance	9.38 $\Omega$
Frequency	1 MHz to 350 MHz

#### Propagation delay

ns	538 ns/100 m max. @ 100 MHz
----	-----------------------------

#### Skew

ns	25 ns/100 m max
----	-----------------

#### Mutual capacitance

nF	5.6 nF max/100 m
----	------------------

#### Voltage

V	300 Volts AC or DC
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#### Operating temperature

$^{\circ}\text{C}$	-20 $^{\circ}\text{C}$ to 70 $^{\circ}\text{C}$
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#### Weight

Kg/Km	33.5
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# Data Cables

## CW1308 5 Pair Telecom Cable

### APPLICATION

Cables primarily designed for the interconnection of telephone equipment which is installed indoors. In addition these cables may be used for the interconnection of other communication and control equipment or low level signalling applications.

### CABLE STANDARDS

5 Pair Telephone cable exceeds TIA/EIA-568-B.2, TIA/EIA 568-C and ISO/IEC 11801 Class D, IEC61156-5, IEC60332-1, EN50288 and EN50173-1 performance requirements, providing extra headroom for a more robust cabling system.

### CW1308 5t Pair Telecom Cable



### CABLE SPECIFICATION

#### Conductors

Wire AWG	24 AWG Nominal Solid
Range in mm	0.4850 <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math>
Material	Copper
Plating	Class 1 Bare Solid Wire
Elongation	17% per EN 50288- 1

#### Insulation

Material	High Density Polyethylene HDPE
Overall Diameter	0.90 $\varnothing$
Number of Wires	10

#### Jacket

Material	PVC Ti1 Grey
Overall Diameter (D)	5.7 $\varnothing$

#### Pulling Force

Max.	450 N
------	-------

#### Impedance

Resistance	9.38 $\Omega$
Frequency	1 MHz to 350 MHz

#### Propagation delay

ns	538 ns/100 m max. @ 100 MHz
----	-----------------------------

#### Skew

ns	25 ns/100 m max
----	-----------------

#### Mutual capacitance

nF	5.6 nF max/100 m
----	------------------

#### Voltage

V	300 Volts AC or DC
---	--------------------

#### Operating temperature

$^{\circ}\text{C}$	-20 $^{\circ}\text{C}$ to 70 $^{\circ}\text{C}$
--------------------	---

#### Weight

Kg/Km	41
-------	----

# Data Cables

## CW1308

### 6 Pair Telecom Cable

#### APPLICATION

Cables primarily designed for the interconnection of telephone equipment which is installed indoors. In addition these cables may be used for the interconnection of other communication and control equipment or low level signalling applications.

#### CABLE STANDARDS

6 Pair Telephone cable exceeds TIA/EIA-568-B.2, TIA/EIA 568-C and ISO/IEC 11801 Class D, IEC61156-5, IEC60332-1, EN50288 and EN50173-1 performance requirements, providing extra headroom for a more robust cabling system.

#### CW1308 6 Pair Telecom Cable



#### CABLE SPECIFICATION

##### Conductors

Wire AWG	24 AWG Nominal Solid
Range in mm	0.4850 <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math>
Material	Copper
Plating	Class 1 Bare Solid Wire
Elongation	17% per EN 50288- 1

##### Insulation

Material	High Density Polyethylene HDPE
Overall Diameter	0.90 $\varnothing$
Number of Wires	12

##### Jacket

Material	PVC Ti1 Grey
Overall Diameter (D)	6.2 $\varnothing$

##### Pulling Force

Max.	500 N
------	-------

##### Impedance

Resistance	9.38 $\Omega$
Frequency	1 MHz to 350 MHz

##### Propagation delay

ns	538 ns/100 m max. @ 100 MHz
----	-----------------------------

##### Skew

ns	25 ns/100 m max
----	-----------------

##### Mutual capacitance

nF	5.6 nF max/100 m
----	------------------

##### Voltage

V	300 Volts AC or DC
---	--------------------

##### Operating temperature

$^{\circ}\text{C}$	-20 $^{\circ}\text{C}$ to 70 $^{\circ}\text{C}$
--------------------	---

##### Weight

Kg/Km	50
-------	----

# Data Cables

## CW1308

### 8 Pair Telecom Cable

#### APPLICATION

Telecom Cables primarily designed for the interconnection of telephone equipment which is installed indoors. In addition these cables may be used for the interconnection of other communication and control equipment or low level signalling applications.

#### CABLE STANDARDS

8 Pair Telephone cable exceeds TIA/EIA-568-B.2, TIA/EIA 568-C and ISO/IEC 11801 Class D, IEC61156-5, IEC60332-1, EN50288 and EN50173-1 performance requirements, providing extra headroom for a more robust cabling system.

#### CW1308 8 Pair Telecom Cable



#### CABLE SPECIFICATION

##### Conductors

Wire AWG	24 AWG Nominal Solid
Range in mm	0.4850 <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math>
Material	Copper
Plating	Class 1 Bare Solid Wire
Elongation	17% per EN 50288- 1

##### Insulation

Material	High Density Polyethylene HDPE
Overall Diameter	0.90 $\varnothing$
Number of Wires	16

##### Jacket

Material	PVC Ti1 Grey
Overall Diameter (D)	6.6 $\varnothing$

##### Pulling Force

Max.	600 N
------	-------

##### Impedance

Resistance	9.38 $\Omega$
Frequency	1 MHz to 350 MHz

##### Propagation delay

ns	538 ns/100 m max. @ 100 MHz
----	-----------------------------

##### Skew

ns	25 ns/100 m max
----	-----------------

##### Mutual capacitance

nF	5.6 nF max/100 m
----	------------------

##### Voltage

V	300 Volts AC or DC
---	--------------------

##### Operating temperature

$^{\circ}\text{C}$	-20 $^{\circ}\text{C}$ to 70 $^{\circ}\text{C}$
--------------------	---

##### Weight

Kg/Km	62
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# Data Cables

## CW1308

### 10 Pair Telecom Cable

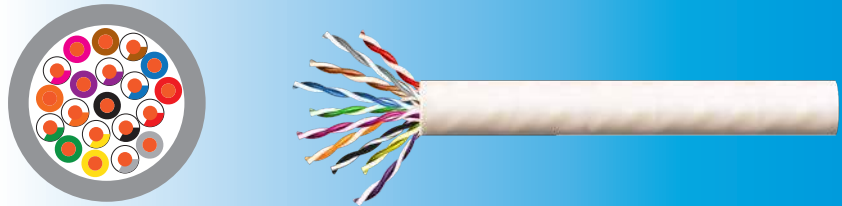
#### APPLICATION

Telecom cables primarily designed for the interconnection of telephone equipment which is installed indoors. In addition these cables may be used for the interconnection of other communication and control equipment or low level signalling applications.

#### CABLE STANDARDS

10 Pair Telephone cable exceeds TIA/EIA-568-B.2, TIA/EIA 568-C and ISO/IEC 11801 Class D, IEC61156-5, IEC60332-1, EN50288 and EN50173-1 performance requirements, providing extra headroom for a more robust cabling system.

CW1308 10 Pair Telecom Cable



#### CABLE SPECIFICATION

##### Conductors

Wire AWG	24 AWG Nominal Solid
Range in mm	0.4850 <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math> <math><\varnothing</math>
Material	Copper
Plating	Class 1 Bare Solid Wire
Elongation	17% per EN 50288- 1

##### Insulation

Material	High Density Polyethylene HDPE
Overall Diameter	0.90 $\varnothing$
Number of Wires	20

##### Jacket

Material	PVC Ti1 Grey
Overall Diameter (D)	7.5 $\varnothing$

##### Pulling Force

Max.	750 N
------	-------

##### Impedance

Resistance	9.38 $\Omega$
Frequency	1 MHz to 350 MHz

##### Propagation delay

ns	538 ns/100 m max. @ 100 MHz
----	-----------------------------

##### Skew

ns	25 ns/100 m max
----	-----------------

##### Mutual capacitance

nF	5.6 nF max/100 m
----	------------------

##### Voltage

V	300 Volts AC or DC
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##### Operating temperature

$^{\circ}\text{C}$	-20 $^{\circ}\text{C}$ to 70 $^{\circ}\text{C}$
--------------------	---

##### Weight

Kg/Km	75
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## COPPER CAT

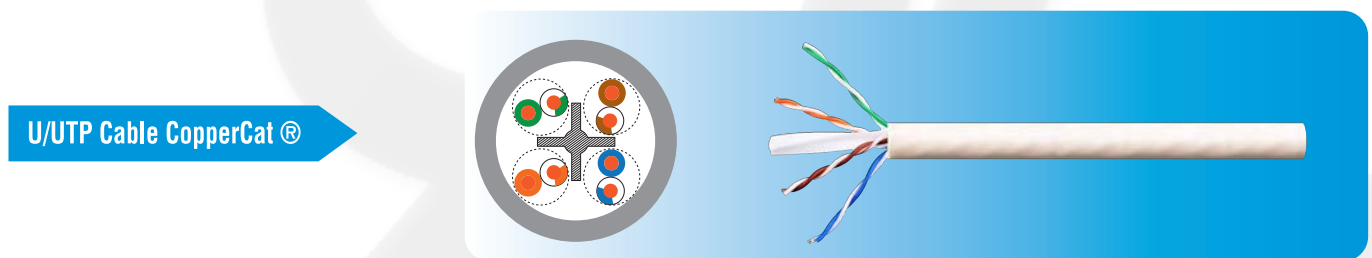
### Category 6 U/UTP Cable CopperCat®

#### DESCRIPTION

CopperCat® Category 6 (CAT6) cables exceed TIA/EIA -568-B.2-1, TIA/EIA 568-C and ISO/IEC 11801:2002 Class E, IEC 61156-5, IEC 60332-1-2, EN 50288-6-1 and EN 50173-1 performance requirements, They comply with all the performance requirements for current and proposed applications such as Gigabit Ethernet 1000Base - T IEEE802.3ab, 10Gbps IEEE 802.3an by limit distance and required test procedure by TSB -155, 100BASE-Tx, token ring, 155 Mbps ATM, 100 Mbps, 1.2Gbps, TP - PMD, ISDN, analog (Broadband, Baseband) and digital video and analog and digital voice (VoIP) and VoIP Camera application. CopperCat® is a trademark owned by Alrawi for Jordanian Cables and Wire Ltd.

#### SPECIFICATION

Horizontal cabling shall be 23 AWG, 4-pair UTP, UL/NEC CMR rated (PVC). Cable jacketing shall be a grey [Ti1] jacket and shall be lead-free. Cable shall meet the performance requirements listed in the following table. Cable shall be supplied without a reel-in-box. Cable shall be UL listed under file number E138034.



CABLE SPECIFICATION		
U/UTP Cable CopperCat®		
Conductors	Wire AWG Range in mm Material Plating Elongation	23 AWG Nominal Solid 0.510 <math>\phi</math> <math>\leq</math> 0.580 Copper Bare 17% per EN 50288- 1
Insulation	Material Overall Diameter Number of Wires	High Density Polyethylene 0.98 $\phi$ 8
Jacket	Material Overall Diameter (D)	PVC Ti1 Grey 6 $\phi$
Pulling Force	Max.	90 N
Impedance	Resistance Frequency	6.650 max/100 m 1 ,%5 $\pm$ 1000 MHz to 550 MHz
Propagation delay	ns	536 ns/100 m max. @ 250 MHz
Skew	ns	45 ns/100 m max. @250 MHz

# Data Cables

## COPPER CUT

Category 6 U/UTP Cable  
CopperCat®

Mutual capacitance		
Voltage	nF	5.6 nF max/100 m
Operating temperature	V	300 Volts AC or DC
Storage temperature	°C	-20°C to 60°C
	°C	-20°C to 80°C
APPROVALS		

- UL File Number E138034 UL 1666
- ETL Certificate
- RoHS Compliant

### Copper Cat Carton





## Category 6 U/UTP Cable CopperCat®

### PERFORMANCE CHARACTERISTICS

(exceed TIA/EIA-568-C.2 Category 6 and ISO/IEC 11801 Class E)

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB)		PSNEXT (dB)		ELFEXT (dB)		PSELFEXT (dB)		RL (dB)		ACR (dB)		PSACR (dB)	
		Min	Typ	Min	Typ	Min	Typ	Min	Typ	Min	Typ	Min	Typ	Min	Typ
	Max														
0.7772	1.8	79	82	77	79	70	73	67	69	-	-	77.2	80.2	75.2	77.2
1	2	77	80	75	77	68	71	65	67	20	28	75	78.3	73	75.3
4	3.8	68	71	66	68	56	59	53	55	23	31	64.2	67.5	62.2	64.5
8	5.3	64	67	62	64	50	53	47	49	24.5	32.5	58.7	61.4	56.7	58.4
10	6	62	65	60	62	48	51	45	47	25	33	56	59.3	54	56.3
16	7.6	59	62	57	59	44	47	41	43	25	33	51.4	54.7	49.4	51.7
20	8.5	58	61	56	58	42	45	39	41	25	33	49.5	52.3	47.5	49.3
25	9.5	56	59	54	56	40	43	37	39	24.3	32.3	46.5	49.8	44.5	46.8
31.25	10.7	55	58	53	55	38	41	35	37	23.6	31.6	44.3	47.2	42.3	44.2
62.5	15.4	50	53	48	50	32	35	29	31	21.5	29.5	34.6	37.9	32.6	34.9
100	19.8	47	50	45	47	28	31	25	27	20.1	28.1	27.2	30.4	25.2	27.4
155	25.3	44	47	42	44	24	27	21	23	18.8	26.8	28.7	22.1	16.7	19.1
200	29	43	46	41	43	22	25	19	21	18	26	14	16.6	12	13.6
250	32.8	41	44	39	41	20	23	17	19	17.3	25.3	8.2	11.3	6.2	8.3
300	36.6	40	43	38	40	18	21	15	17	16.8	24.8	3.4	6.5	1.4	3.5
350	40	39	42	37	39	17	20	14	16	16.3	24.3	-	2.1	-	-
400	43.2	38	41	36	38	16	19	13	15	15.9	23.9	-	-	-	-
450	46.3	38	41	36	38	15	18	12	14	15.5	23.5	-	-	-	-
500	49.2	37	40	35	37	14	17	11	13	15.2	23.2	-	-	-	-
550	52	36	39	34	36	13	16	10	12	14.9	22.9	-	-	-	-

# Data Cables

## CCTV Cable Rg-6 and 1-Pair Power Cable

### APPLICATION

Suitable for professional CCTV system and motorized satellite terrestrial.

### CABLE STANDARDS

Generally to MIL-C-17 and IEC 189 Part 2.

### CCTV Cable Rg-6 and 1-Pair Power Cable



### CABLE SPECIFICATION

#### Rg6

#### Conductors

Number of Wires	1
Range in mm	1.02 Ø
Material	Copper Clad Steel
Plating	Class 1
Elongation	5%
Cross Section	0.81 mm <sup>2</sup>

#### Insulation

Material	Foam Polyethylene (PE)
Diameter	4.8 Ø

#### Shield

Material	Aluminum/Polyester Foil
Coverage	100%

#### Screen

Material	Copper Clad Aluminum
Diameter	0.12 Ø
Number of Wires	96

#### Jacket

Material	PVC Ti1 Black
----------	---------------

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	30
---	----

# Data Cables

## CCTV Cable Rg-6 and 1-Pair Power Cable

<b>1-Pair Power</b>		
<b>Conductors</b>	Wire AWG	24 AWG Nominal Solid
	Range in mm	0.4850 <math>\leq \phi </math> <math>< 0.520</math>
	Material	Copper
	Plating	Bare
	Elongation	17% per EN 50288- 1
<b>Insulation</b>	Material	High Density Polyethylene HDPE
	Overall Diameter	0.90 $\phi$
	Number of Wires	2
	Color	Vary
<b>Jacket</b>	Material	PVC Ti1 Grey
	Overall Diameter (D)	3 $\phi$
<b>Pulling Force</b>	Max.	90 N
<b>Impedance</b>	Resistance	9.38 $\Omega$
	Frequency	1 MHz to 350 MHz
<b>Propagation delay</b>	ns	538 ns/100 m max. @ 100 MHz
<b>Skew</b>	ns	25 ns/100 m max
<b>Mutual capacitance</b>	nF	5.6 nF max/100 m
<b>Voltage</b>	V	300 Volts AC or DC
<b>Operating temperature</b>	$^{\circ}\text{C}$	-20 $^{\circ}\text{C}$ to 70 $^{\circ}\text{C}$
<b>Weight</b>	Kg/Km	110
<b>Width</b>	mm	11

# Data Cables

## Coaxial Rg-6 Cable

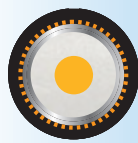
### APPLICATION

Suitable for professional TV and CCTV system installations including digital, satellite terrestrial and cable TV.

### CABLE STANDARDS

Generally to MIL-C-17.

Coaxial Rg-6 Cable



### CABLE SPECIFICATION

#### Conductors

Number of Wires	1
Range in mm	1.02 Ø
Material	Copper Clad Steel
Plating	Class 1
Elongation	5%
Cross Section	0.81 mm <sup>2</sup>
Conductivity	20%

#### Insulation

Material	Foam Polyethylene (PE)
Diameter	4.8 Ø

#### Shield

Material	Aluminum/Polyester Foil
Coverage	100%

#### Screen

Material	Copper Clad Aluminum
Diameter	0.12 Ø
Number of Wires	96

#### Jacket

Material	PVC Ti1 White/Black
Overall Diameter (D)	7 Ø

#### Temperature Rating

°C	-5 to +85
----	-----------

#### Voltage Rating

V	30
---	----

#### Pulling Force

Max.	500 N
------	-------

#### Weight

Kg/Km	85
-------	----

#### Length

m/yards	91/100
---------	--------

## Parallel Twin 2x0.5 mm<sup>2</sup> Speaker Cable

### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5)

Parallel Twin  
2x0.5 mm<sup>2</sup> Speaker Cable



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	0.5mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	11
Cross Section	0.54 mm <sup>2</sup>

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

1 phase	3A
---------	----

#### Jacket

Material	PVC Ti2 White
Width (W)	5.4 mm

#### Pulling Force

Max.	250 N
------	-------

#### Weight

Kg/Km	23
-------	----

#### Length

m/yard	91/100
--------	--------



# Data Cables

## Parallel Twin 2x0.75 mm<sup>2</sup> Speaker Cable

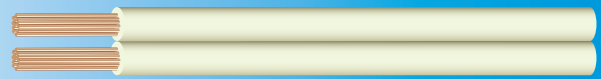
### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5)

Parallel Twin  
2x0.75 mm<sup>2</sup> Speaker Cable



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	0.75mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	15
Cross Section	0.74 mm <sup>2</sup>

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

1 phase	3A
---------	----

#### Jacket

Material	PVC Ti2 White
Width (W)	6 mm

#### Pulling Force

Max.	300 N
------	-------

#### Weight

Kg/Km	29
-------	----

#### Length

m/yard	91/100
--------	--------

## Parallel Twin 2x1 mm<sup>2</sup> Speaker Cable

### APPLICATION

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment.

### CABLE STANDARDS

BS EN 50525-2-11 (previously BS 6500, CENELEC HD21.5)

Parallel Twin  
2x1 mm<sup>2</sup> Speaker Cable



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	1 mm <sup>2</sup> Nominal bunched
Range in mm	0.24 ≤ Ø < 0.25
Material	Copper
Plating	Class 5 BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	21
Cross Section	0.54 mm <sup>2</sup>

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

1 phase	10A
---------	-----

#### Jacket

Material	PVC Ti2 White
Width (W)	6.3 mm

#### Pulling Force

Max.	370 N
------	-------

#### Weight

Kg/Km	35
-------	----

#### Length

m/yard	91/100
--------	--------

# Flat



5 Sizes



## Twin PVC Cable 2x1 mm<sup>2</sup> Flat Cable

### APPLICATION

Domestic wiring cable. Can be installed in fixed installations in dry or damp premises clipped to surface, on trays or in free air where the risk of mechanical damage would not be an issue.

Suitable for laying in conduit or trunking where mechanical protection is required.

### CABLE STANDARDS

BS 6004 Table 4, BS EN/IEC 60332-1-2

Twin PVC Cable 2x1 mm<sup>2</sup> Flat Cable



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	1.0 mm <sup>2</sup> Nominal bunched
Diameter in mm	0.40 Ø ± 5%
Material	Copper
Plating	Class 2 BS EN BS 6360
Elongation	20% per EN 50288- 1
Number of Wires	7
Cross Section	0.88 mm <sup>2</sup>

#### Insulation Layer 2

Material	Pure PVC Ti1 White
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	2
Overall Diameter (D)	2.5 Ø
Color of Wires	Red, Black

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

Outer construction	16 A
--------------------	------

#### Jacket

Material	PVC Ti1 Grey
Width (W)	6.7 mm

#### Pulling Force

Max	650 N
-----	-------

#### Wight

Kg/Km	47
-------	----

#### Length

m/yard	91/100
--------	--------

## Twin PVC Cable 2x1.5 mm<sup>2</sup> Flat Cable

### APPLICATION

Domestic wiring cable. Can be installed in fixed installations in dry or damp premises clipped to surface, on trays or in free air where the risk of mechanical damage would not be an issue.

Suitable for laying in conduit or trunking where mechanical protection is required.

### CABLE STANDARDS

BS 6004 Table 4, BS EN/IEC 60332-1-2

Twin PVC Cable 2x1.5 mm<sup>2</sup> Flat Cable



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	1.5 mm <sup>2</sup> Nominal bunched
Diameter in mm	0.50 Ø ± 5%
Material	Copper
Plating	Class 2 BS EN BS 6360
Elongation	20% per EN 50288- 1
Number of Wires	7
Cross Section	1.37 mm <sup>2</sup>

#### Insulation Layer 2

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	2
Overall Diameter (D)	3 Ø
Color of Wires	Black , Red

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

Outer construction	20 A
--------------------	------

#### Jacket

Material	PVC Ti1 Grey
Width (W)	7.4 mm

#### Pulling Force

Max	720 N
-----	-------

#### Wight

Kg/Km	66
-------	----

#### Length

m/yard	91/100
--------	--------

## Twin PVC Cable 2x2.5 mm<sup>2</sup> Flat Cable

### APPLICATION

Domestic wiring cable. Can be installed in fixed installations in dry or damp premises clipped to surface, on trays or in free air where the risk of mechanical damage would not be an issue.

Suitable for laying in conduit or trunking where mechanical protection is required.

### CABLE STANDARDS

BS 6004 Table 4, BS EN/IEC 60332-1-2

Twin PVC Cable 2x2.5 mm<sup>2</sup> Flat Cable



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	2.5 mm <sup>2</sup> Nominal bunched
Diameter in mm	0.65 Ø ± 5%
Material	Copper
Plating	Class 2 BS EN BS 6360
Elongation	20% per EN 50288- 1
Number of Wires	7
Cross Section	2.32 mm <sup>2</sup>

#### Insulation Layer 2

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	2
Overall Diameter (D)	3.2 Ø
Color of Wires	Black , Red

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

Outer construction	27
--------------------	----

#### Jacket

Material	PVC Ti1 Grey
Width (W)	8.7 mm

#### Pulling Force

Max	800 N
-----	-------

#### Wight

Kg/Km	88
-------	----

#### Length

m/yard	91/100
--------	--------

## Twin PVC Cable 3x1 mm<sup>2</sup> Flat Cable

### APPLICATION

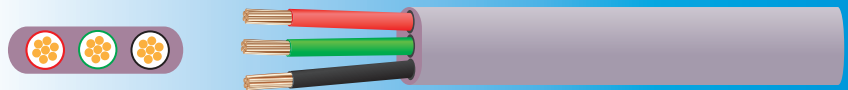
Domestic wiring cable. Can be installed in fixed installations in dry or damp premises clipped to surface, on trays or in free air where the risk of mechanical damage would not be an issue.

Suitable for laying in conduit or trunking where mechanical protection is required.

### CABLE STANDARDS

BS 6004 Table 4, BS EN/IEC 60332-1-2

Twin PVC Cable 3x1 mm<sup>2</sup> Flat Cable



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	1.0 mm <sup>2</sup> Nominal bunched
Diameter in mm	0.40 Ø ± 5%
Material	Copper
Plating	Class 2 BS EN BS 6360
Elongation	20% per EN 50288- 1
Number of Wires	7
Cross Section	0.88 mm <sup>2</sup>

#### Insulation Layer 2

Material	Pure PVC Ti1 White
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	3
Overall Diameter (D)	2.5 Ø
Color of Wires	Red, Black

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

Outer construction	16 A
--------------------	------

#### Jacket

Material	PVC Ti1 Grey
Width (W)	9.3 mm

#### Pulling Force

Max	750 N
-----	-------

#### Wight

Kg/Km	71
-------	----

#### Length

m/yard	91/100
--------	--------



## Twin PVC Cable 3x1.5 mm<sup>2</sup> Flat Cable

### APPLICATION

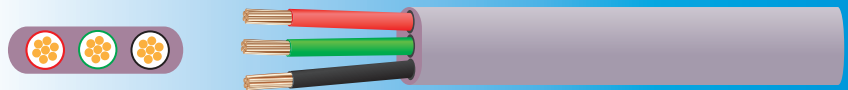
Domestic wiring cable. Can be installed in fixed installations in dry or damp premises clipped to surface, on trays or in free air where the risk of mechanical damage would not be an issue.

Suitable for laying in conduit or trunking where mechanical protection is required.

### CABLE STANDARDS

BS 6004 Table 4, BS EN/IEC 60332-1-2

Twin PVC Cable 3x1.5 mm<sup>2</sup> Flat Cable



### CABLE SPECIFICATION

#### Conductors

Wire mm <sup>2</sup>	1.5 mm <sup>2</sup> Nominal bunched
Diameter in mm	0.50 Ø ± 5%
Material	Copper
Plating	Class 2 BS EN BS 6360
Elongation	20% per EN 50288- 1
Number of Wires	7
Cross Section	1.37 mm <sup>2</sup>

#### Insulation Layer 2

Material	Pure PVC Ti1
Color	White

#### Insulation Layer 2

Material	PVC Ti1 Colored
Number of Wires	3
Overall Diameter (D)	3 Ø
Color of Wires	Black , Red

#### Temperature Rating

°C	-5 to +70
----	-----------

#### Voltage Rating

V	300
---	-----

#### Amperage

Outer construction	20
--------------------	----

#### Jacket

Material	PVC Ti1 Grey
Width (W)	10.8 mm

#### Pulling Force

Max	850 N
-----	-------

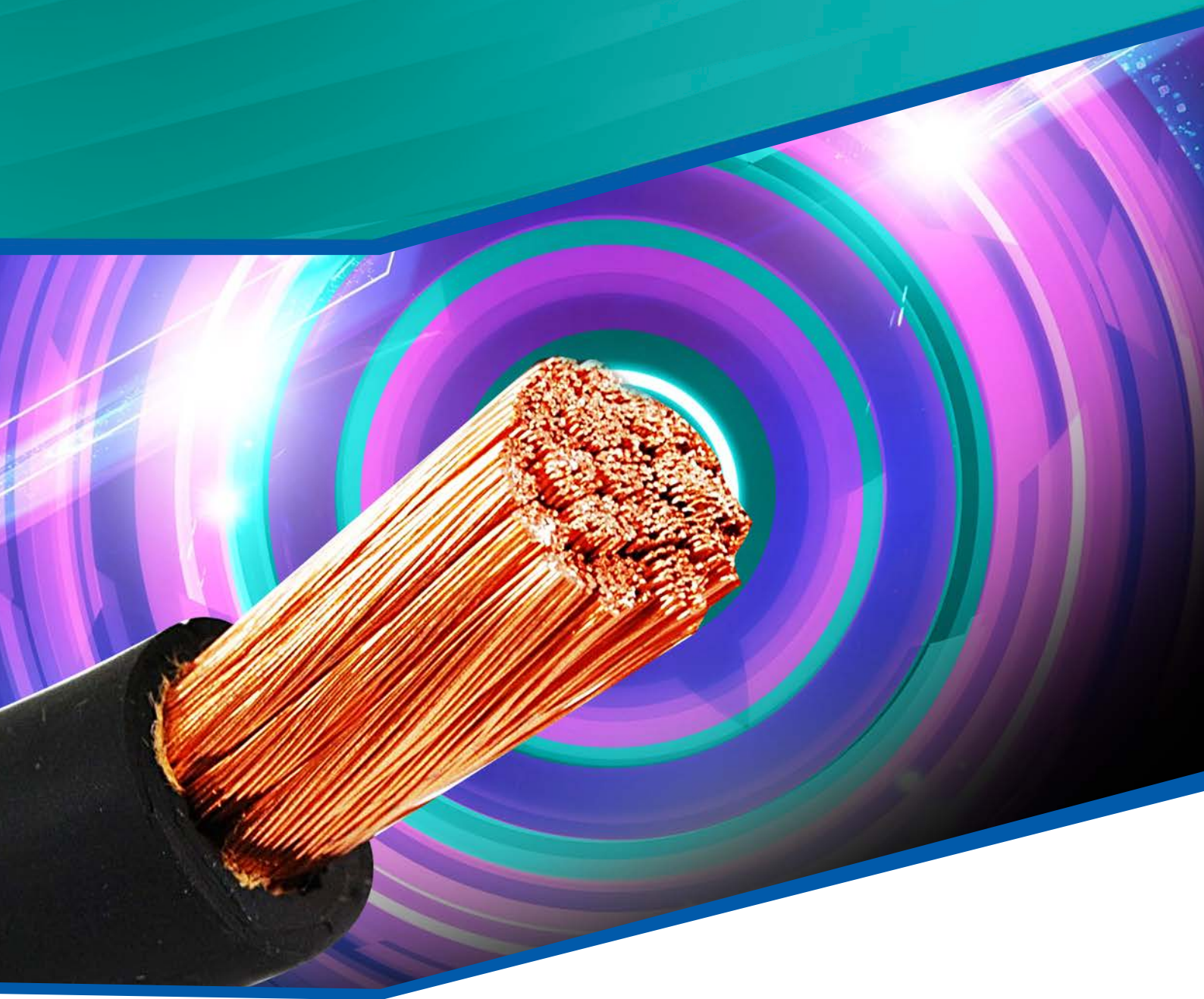
#### Wight

Kg/Km	99
-------	----

#### Length

m/yard	91/100
--------	--------

# Welding Cable



2 Sizes

# Welding Cable

## WELDING WIRE

### 16 mm<sup>2</sup> high-amperage transformer

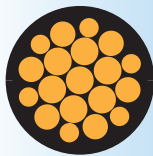
#### APPLICATION

A highly flexible cable with a variety of industrial applications such as motorized vehicles, or battery powered equipment such as fork lifts and field conveyors and other industrial applications requiring high flexibility, and high quality booster cables .

#### CABLE STANDARDS

BS EN/IEC 60332-1

#### WELDING WIRE 16 mm<sup>2</sup> flexible



#### CABLE SPECIFICATION

##### Conductors

Wire mm <sup>2</sup>	16 mm <sup>2</sup> Nominal bunched
Diameter in mm	0.25 Ø ± 5%
Material	Copper
Plating	Class 6 extra flexible to BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	320
Cross Section	15.7 mm <sup>2</sup>

##### Jacketing

Material	Pure PVC Ti1
Color	Black, Red
Thickness	
Overall Diameter (D)	6.7 Ø

##### Temperature Rating

°C	-5 to +70
----	-----------

##### Voltage Rating

V	450/750V
---	----------

##### Amperage

A	100
---	-----

##### Pulling Force

Max	400 N
-----	-------

##### Weight

Kg/Km	20
-------	----

##### Length

m	100
---	-----

# Welding Cable

## WELDING WIRE

### 25 mm<sup>2</sup> high-amperage transformer

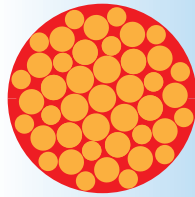
#### APPLICATION

A highly flexible cable with a variety of industrial applications such as motorized vehicles, or battery powered equipment such as fork lifts and field conveyors and other industrial applications requiring high flexibility, and high quality booster cables .

#### CABLE STANDARDS

BS EN/IEC 60332-1

#### WELDING WIRE 25 mm<sup>2</sup> flexible



#### CABLE SPECIFICATION

##### Conductors

Wire mm <sup>2</sup>	25 mm <sup>2</sup> Nominal Bunched Rope
Diameter in mm	0.25 Ø ± 5%
Material	Copper
Plating	Class 6 extra flexible to BS EN 60228
Elongation	20% per EN 50288- 1
Number of Wires	490
Cross Section	24 mm <sup>2</sup>

##### Jacketing

Material	Pure PVC Ti1
Color	Black, Red
Thickness	
Overall Diameter (D)	6.7 Ø

##### Temperature Rating

°C	-5 to +70
----	-----------

##### Voltage Rating

V	450/750V
---	----------

##### Amperage

A	150
---	-----

##### Pulling Force

Max.	1900 N
------	--------

##### Weight

Kg/Km	20
-------	----

##### Length

m/yard	91/100
--------	--------



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