

Equipment Wire 2491x

Plain Stranded

PRO-POWER
Quality Cables



PVC insulated plain stranded copper conductors to BS6500 up to 1.0mm² and BS6004 up to 2.5mm². Harmonised codes H05V-K (0.5 to 1.0mm²) and H07V-K (1.5 to 2.5mm²) except yellow. Intended for use within electrical and electronic appliances, light fittings, control panels etc, where the combination of ambient temperature and load temperature rise results in a conductor temperature not exceeding 70°C.

Single wire:

Reference	: 2491X PVC insulated 300/500V Harmonised Code Designation HO5V-K.
Uses	: For internal wiring.
Conductor	: High conductivity flexible plain annealed copper.
Insulation	: PVC.
Insulation Colour	: Black, Blue, Brown, Red, White, Yellow, Green/Yellow.
Packing	: Standard 100m Reels.

Cable Data Sheet:

Description	: PVC insulated plain stranded copper conductors 0.5mm ² to 2.5mm ² .
Conductor	: 16/0.2mm to 50/0.25mm, plain annealed copper.
Insulation	: General purpose PVC, 0.6mm to 0.8mm Nominal thickness, 2.6mm to 4.1mm Nominal outside diameter.
Temperature Range	: -15°C to +70°C.
Conductor Resistance	: 7.98Ω/1000m (for 2.5mm ²).
Voltage Rating	: 300/500V (0.5 to 1.0mm ²), 450/750V (1.5 to 2.5mm ²).
Spark Test	: 6000 Volts rms (For 2.5mm ²).

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Specifications

Conductor		Nominal Wall Thickness	Nominal Outside Diameter	Current Rating (A)	Approximate Net Weight per 1000m (Kg)	Colour	Length (m)	Part Number
Area (mm ²)	Stranding							
0.5	16/0.2	0.6	2.6	3.0	10	Black	100	CBBR0391
						Blue		CBBR1523
						Brown		CBBR1524
						Red		CBBR0392
						White		CBBR1525
						Yellow		CBBR1526
						Green/Yellow		CBBR0390
0.75	24/0.2	0.6	2.8	6.0	13	Black		CBBR0394
						Blue		CBBR1527
						Brown		CBBR1528
						Red		CBBR0395
						White		CBBR1529
						Yellow		CBBR1530
						Green/Yellow		CBBR0393
1.0	32/0.2	0.7	3.0	10.0	16	Black	CBBR0397	
						Blue	CBBR1531	
						Brown	CBBR1532	
						Red	CBBR0398	
						White	CBBR1533	
						Yellow	CBBR1534	
						Green/Yellow	CBBR0396	
1.5	30/0.25	0.7	3.5	16.0	-	Black	CBBR0400	
						Blue	CBBR1535	
						Brown	CBBR1536	
						Red	CBBR0401	
						White	CBBR1537	
						Yellow	CBBR1538	
						Green/Yellow	CBBR0399	
2.5	50/0.25	0.8	4.2	25.0	-	Black	CBBR0403	
						Blue	CBBR1539	
						Brown	CBBR1540	
						Red	CBBR0404	
						Green/Yellow	CBBR0402	

Dimensions : Millimetres (Unless Specified)

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Notes:

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