

Flexible Unshielded Power Cables, Polyurethane jacket

Application

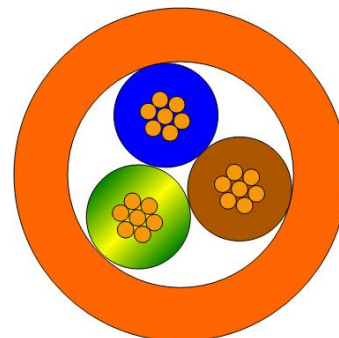
- For portable electrical appliances
- For powering moving industrial equipment

Standards

- IEC 60227-1
- IS 544

Construction

Conductors	Stranded bare copper per IEC 60228 class 5
Insulation	FR PVC Type E per IEC 60227-1.
Color code	Per IS 544 – see table below
Outer jacket	UV-protected polyurethane
Printing	YADU, Cable structure, PUR, 400V, RoHS, Batch-code, Length in m



Color Code

3 cores	4 cores	5 cores
Brown, blue, Yellow-Green	3xBrown, Yellow-Green	3xBrown, Blue, Yellow-Green

Electrical Properties (20°C)

	1.5 mm ²	2.5 mm ²	4 mm ²	6 mm ²
Conductor resistance (Ω/km)	13.30	7.98	4.95	3.30
Current carrying capacity (A)*	11	14	16	20
Insulation Dielectric strength:	2000 V			
Rating:	400 VAC			

* At conductor temperature of 80°C

Mechanical and Thermal Properties

Bending radius	> 10 x cable diameter
Operation temperature range	-10° to +80°C

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Cable Codes and Technical Parameters

Cable Structure	Cable Code	Part Number	Nominal Diameter (mm)	Nominal Weight (kg/km)
3x1.5	3x1x1.5-BS-PV-U	2180329D	9.0	125
4x1.5	4x1x1.5-BS-PV-U	2180428D	10.0	135
5x1.5	5x1x1.5-BS-PV-U	2180529D	11.0	165
3x2.5	3x1x2.5-BS-PV-U	2220328D	10.0	155
4x2.5	4x1x2.5-BS-PV-U	2220428D	11.0	190
5x2.5	5x1x2.5-BS-PV-U	2220529D	12.5	250
5x4.0	5x1x4.0-BS-PV-U	2260529D	15.0	350
5x6.0	5x1x6.0-BS-PV-U	2280529D	16.5	460

Yair Duchovni Cables Ltd. reserves the right to alter the products described in this data sheet without prior notice

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