

Tri-rated PVC Cable



Benefits:

- Temperature limits: -30 to +105c
- Supplied in any length.
- Guaranteed same day and next day delivery available.
- Available in a range of colours.



CONSTRUCTION	ELECTRICAL DATA		
1) CONDUCTOR Bare copper, Class 5 according to IEC 60228 cross-section: 10 mm ² up to 240 mm ² 2) INSULATION PVC type TI3 according to BS EN 50363 COLOUR According to customer requirements: Red, Black, Blue, Light Blue, Dark Blue, Yellow, Green/Yellow, Grey, Brown, Orange, White, Violet, Green, Pink. FLAME BEHAVIOUR IEC60332-1-2	PARAMETER	UNIT	VALUE
	Nominal voltage (U°/U) UL, CSA: BS 6231:	V	450 / 750 600/1000
	Test voltage Max. electrical resistance of conductors at 20°C	V Ω/km	2000 According to IEC60228 Class 5
	MECHANICAL DATA		
	Temperature Rating UL, CSA: BS 6231: Temperature limits: Max. temperature of conductor Minimum bending radius	+105°C +90°C -30 to +105°C. + 70°C 6 x Ø ext	
Oil-resistant Petrol-resistant			

Type of cable	Construction	Maximum diameter of wires in conductor mm	External nominal diameter mm	Insulation thickness nominal mm	Conductor resistance at 20 °C max Ω /km	Cu weight kg/km	Cable weight approx. kg/km
Tri rated	1x10	0,41	6,5	1,00	1,91	81,6	106,9
Tri rated	1x16	0,41	8	1,00	1,21	133,0	165,3
Tri rated	1x25	0,41	9,9	1,20	0,78	210,7	258,8
Tri rated	1x35	0,41	10,9	1,20	0,554	281,6	335,3
Tri rated	1x50	0,41	13,3	1,40	0,386	414,6	491,4
Tri rated	1x70	0,51	15,3	1,40	0,272	597,1	686,9
Tri rated	1x95	0,51	17,3	1,60	0,206	809,6	925,4
Tri rated	1x120	0,51	19,7	1,60	0,161	1028,4	1161,9
Tri rated	1x150	0,51	21,6	1,8	0,129	1292,0	1456,4
Tri rated	1x185	0,51	23,3	2	0,106	1485,8	1682,3
Tri rated	1x240	0,51	27,2	2,2	0,0801	2067,2	2320,9