

Description: Tri-Rated Wiring Cable, PVC, Conforming to BS6231 / UL758 / CSA22.2



Construction

Conductor Material : Plain Annealed Copper, Class 5
 Insulation Material : Polyvinyl Chloride, (PVC)
 Insulation Colour : Replace XX on the end of the part number with the colour

00	Black	04	White	08	Orange	11	Light Blue
01	Blue	05	Grey	09	Yellow	21	Dark Blue
02	Brown	06	Violet	10	Green		
03	Red	07	Pink	99	Green/ Yellow		

Characteristics

Nominal Conductor Resistance : BS EN 60228
 Voltage Rating : 0.6/1kV

Physical Characteristics

Overall Diameter : See Table
 Min. Bend Radius : 5 x OD
 Temperature Rating : -15°C to +90°C (BS 6231)
 : -15°C to +105°C (UL, CSA)
 Weight : See Table

Standards

Flame Retardant : BS EN 60332-1-2
 Manufactured in accordance to : BS EN 50525-2-31
 RoHS3 Compliant : Yes
 CE Compliant : LVD (2014/35/EU), CPR (305/2011)
 CPR Classification : Eca (EN50575:2014+A1:2016)

Part No.	Size mm ²	Weight kg/km	OD mm	Part No.	Size mm ²	Weight kg/km	OD mm
TRI015XX100-E00	1.5	20	3.0	TRI500XX-E00	50	505	13.1
TRI025XX100-E00	2.5	30	3.5	TRI500XX-E00	70	685	14.8
TRI040XX100-E00	4.0	45	4.0	TRI950XX-E00	95	890	16.6
TRI060XX100-E00	6.0	65	4.6				
TRI100XX100-E00	10	115	6.4				
TRI160XX100-E00	16	180	8.1				
TRI250XX-E00	25	265	9.5				
TRI350XX-E00	35	355	10.6				

Description: Tri-Rated Wiring Cable, PVC, Conforming to BS6231 / UL758 / CSA22.2

Electrical Characteristics

Cross Section (mm ²)	Diameter	Weight (kg/km)	Current (a) 2 Cond.	Current (a) 3 Cond.	Voltage Drop (V/A km)
1.5	3	20	23	20	34.0
2.5	3.5	30	31	28	20.4
4.0	4	45	42	37	12.7
6.0	4.6	65	54	48	8.45
10	6.4	115	75	66	4.89
16	8.1	180	100	88	3.10
25	9.5	265	133	117	2.00
35	10.6	355	164	144	1.42
50	13.1	505	198	175	0.99
70	14.8	685	253	222	0.696
95	16.6	890	306	269	0.527

Reference method for 90°C insulation cables according to IEC 60364-5-52 in open air at 30°C ambient temperature.