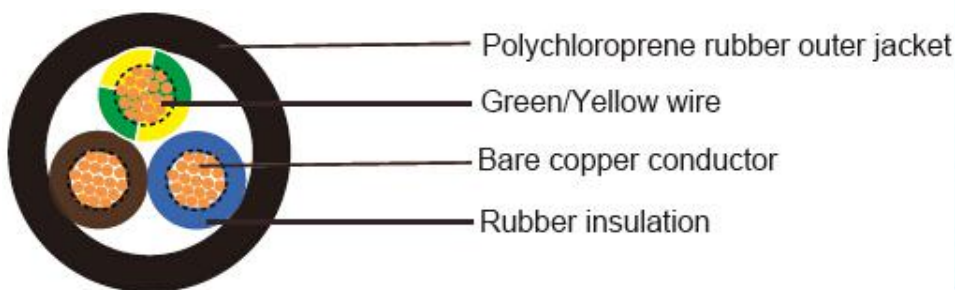


318TRS to BS 6500

Application and Description

318TRS to BS 6500 cables are suitable for use with electronics and electrical equipment such as appliances, small hand tools and office equipment, where the cables may be subject to light and medium stresses in both dry and damp environments. They can be used in flat irons, soldering irons, kitchen aids, toasters, stoves in connections with light commercial electric tools. They are also suitable for fixed installation in furniture, decorative coverings, wall partitions and pre-fabricated building parts. 318TRS is equivalent to harmonized code H05RR-F.

Cable Construction



Fine bare copper strands
Stranding to BS 6360 CL-5 or IEC 60228 CL-5
Rubber core insulation EI4
Green/Yellow grounding, 3 conductors and above
Polychloroprene rubber (neoprene) jacket EM3

Core Identification

2Cores: Brown, Blue
3Cores: Brown, Blue and Green/Yellow
4Cores: Brown, Grey, Black and Green/Yellow
5Cores: Brown, Blue, Grey, Black and Green/Yellow

Technical Characteristics

Working voltage: 300/500 volts
Test voltage: 2000 volts
Flexing bending radius: 8xOverall diameter
Fixed bending radius: 6xOverall diameter
Temperature range: -30° C to +60° C
Short circuit temperature: +200 ° C
Flame retardant: IEC 60332.1
- Insulation resistance: 20 M Ω xkm

Cable Parameter

AWG (No of Strands/ Strand Diameter)	No. of Cores x Nominal Cross Sectional Area #xmm2	Nominal Thickness of Insulation mm	Nominal Thickness of Sheath mm	Nominal Overall Diameter min-max mm	Nominal Copper Weight kg/km	Nominal Weight kg/km
3182TRS						
18(24/32)	2x0.75	0.6	0.8	5.7-7.4	14.4	61
17(32/32)	2x1	0.6	0.9	6.1-8.0	19.0	73
16(30/30)	2x1.5	0.8	1.0	7.6-9.8	29.0	115
14(50/30)	2x2.5	0.9	1.1	9.0-11.6	48.0	160
3183TRS						
18(24/32)	3x0.75	0.6	0.9	6.2-8.1	21.6	75
17(32/32)	3x1	0.6	0.9	6.5-8.5	29.0	86
16(30/30)	3x1.5	0.8	1.0	8.0-10.4	43.0	135
14(50/30)	3x2.5	0.9	1.1	9.6-12.4	72.0	191
3184TRS						
18(24/32)	4x0.75	0.6	0.9	6.8-8.8	28.8	94
17(32/32)	4x1	0.6	0.9	7.1-9.3	38.4	105
16(30/30)	4x1.5	0.8	1.1	9.0-11.6	58.0	165
14(50/30)	4x2.5	0.9	1.2	10.7-13.8	96	235
3185TRS						
18(24/32)	5x0.75	0.6	1.0	7.6-9.9	36	110
17(32/32)	5x1	0.6	1.0	8.0-10.3	48.0	130
16(30/30)	5x1.5	0.8	1.1	9.8-12.7	72.0	190
14(50/30)	5x2.5	0.9	1.3	11.9-15.3	120	285