BS4808 0.50mm² (16/0.2mm) PVC Equipment Wire

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RoHS Compliant

Reference Standard

0.50mm² 16/0.2mm Equipment Wire DEF.STAN. 61-12 Part 6 Type 2
BS4808: Part 2 Class 2

Conductor

0.50mm² 16/0.2mm ±0.01mm Flexible Tinned Annealed Copper Wire to BS6360

Nominal Diameter	: 0.92mm
Tensile Strength	: >200Mpa
Elongation	: 15%

Insulation

PVC Compound Hard Grade Type 2 to BS7655

Wall Thickness	: 0.3mm
Overall Diameter	: 1.77±0.15mm
Insulation Colour	: Black, Brown, Red, Orange, Yellow, Green, Blue, Violet, Grey, White and Pink
Rated Temperature	: -25°C to 85°C
Flame Performance	: IEC 60332-1
Tensile Strength Before Aging	: >10Mpa
Tensile Strength After Aging (168h @ 100±2°C)	: >10Mpa
Elongation	: 120%

Electrical Characteristics

Max. Conductor DC Resistance at 20°C	: <40Ω/km
Min. Insulation DC Resistance at 20°C	: >50MΩ/km
Rated Voltage	: 1000V
Current Rating @ 70°C	: 3 Amps
Current Rating @ 25°C	: 4 Amps

The tolerance for the insulation diameter is 1.77±0.15mm and for the 16/0.2mm conductors it is ±0.01mm

Part Number Table

Description	Colour	Part Number
Wire, 16/0.2mm, Tinned Copper, Reel Length 100m	Black	PP000094
	Brown	PP000095
	Red	PP000096
	Orange	PP000097
	Yellow	PP000098

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Description	Colour	Part Number
Wire, 16/0.2mm, Tinned Copper, Reel Length 100m	Green	PP000099
	Blue	PP000100
	Violet	PP000101
	Grey	PP000102
	White	PP000103
	Pink	PP000104
	Red/Black	PP000117
	Red/Brown	PP000118
	Red/Green	PP000119
	Red/Blue	PP000120
	Orange/Black	PP000121
	Orange/Red	PP000122
	Yellow/Black	PP000123
	Yellow/Red	PP000124
	Yellow/Green	PP000125
	Green/Red	PP000126
	Violet/Red	PP000127
	Grey/Black	PP000128
	Green/Blue	PP000129
	White/Black	PP000130
	White/Red	PP000131
	Pink/Black	PP000132
	Green/Yellow	PP000133
Wire, 16/0.2mm, Tinned Copper, Reel Length 500m	Black	PP000105
	Brown	PP000106
	Red	PP000107
	Orange	PP000108
	Yellow	PP000109
	Green	PP000110
	Blue	PP000111
	Violet	PP000112
	Grey	PP000113
	White	PP000114
	Pink	PP000115
	Green/Yellow	PP000134

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

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