

0.50mm²(16/0.20mm) Equipment Wire

Def. Stan. 61-12 Part 6 Type 2

BS 4808 Part 2 Class 2

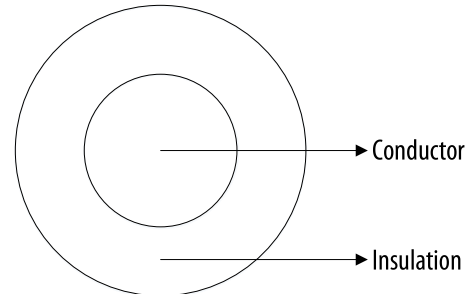


PRODUCT DATA SHEET

Reference Standard

0.50mm² 16/0.20mm Equipment Wire DEF.STAN 61-12 Part 6 Type 2
BS4808: Part 2 Class 2

Design Number 10282
Part Number See Table
Customer Number N/A



CONSTRUCTION

Conductor: 0.5mm²(16/0.20mm), Flexible tinned annealed copper
Conductor Diameter: 0.92mm
Tensile Strength: >200Mpa
Elongation: 15%
Insulation: PVC compound hard grade type 2 to BS7655
Insulation Thickness: 0.30mm(Nom.)
Insulated O.D: 1.77±0.15mm
Insulation Color: A variety of insulation colors available
Tensile Strength Before Aging: >10Mpa
Tensile Strength After Aging(168h @ 100±2°C): >10Mpa
Elongation: 120%

ELECTRICAL&PHYSICAL CHARACTERISTICS

Operating Temperature (°C): -25°C to 85°C
Operating Voltage: 1000V
Conductor DC Resistance@20°C: 40 Ω/km Max
Insulation DC Resistance@20°C: 50 MΩ.km Min
Current Rating@70°C: 3.0 Amps
Current Rating@25°C: 4.0 Amps
Flame Performance : IEC 60332-1
RoHS Compliance: European Directive 2015/863/EU

Part Number Table					
Part Number	Color	Package	Part Number	Color	Package
32052103	Black	100m/Reel	32052114	Black	500m/Reel
32052110	Red		32052121	Red	
32052106	Green		32052117	Green	
32052104	Light Blue		32052115	Light Blue	
32052113	Yellow		32052124	Yellow	
32052108	Orange		32052119	Orange	
32052105	Brown		32052116	Brown	
32052111	Violet		32052122	Violet	
32052107	Grey		32052118	Grey	
32052112	White		32052123	White	
32052109	Pink		32052120	Pink	
32052142	Green/yellow		32052143	Green/yellow	
32052140	Yellow/green		32052141	Yellow/green	

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Revision History		
00	2020/04/30	Initial release
Created L. Jian	Approved A. Huang	

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