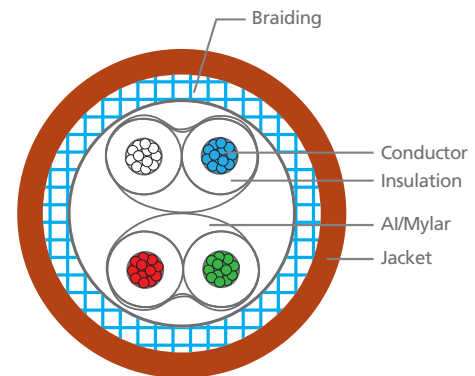


22 AWG SHIELDED RS485 CABLE

Description

Rating Voltage (V)	300
Rating Temperature (°C)	80



Physical Specifications

Conductor	
Stranded Tinned Copper	2 Pairs
AWG	22
Structure(mm)	7/0.254
Outer Dia.(±0.10mm)	0.76

Jacket	
FR/PVC or LSOH	
Color	Black
Outer Dia.(±0.5mm)	8.0
Nom. Thickness(mm)	1.0

Insulation	
Foamed PE	
Outer Dia.(±0.10mm)	2.05
Color	White, Blue, Red, Green
Strand	
2 Pairs	
Color	White, Blue, Red, Green
AL-Mylar Shield(Overlapped)	Al-Mylar

Braid	
0.12 Tinned Copper Braid	
Coverage	≥ 85%

Electrical Characteristics

Max Conductor DC Resistance at 20°C (Ω)	≤ 57.4
Insulation Resistance (MΩ.km)	≥ 100
Dielectric Strength	500V, DC, 1min
Impedance	120 ± 150Ω@1MHz

Physical Specifications

Test Object

Test Material		FR/PVC	FR/PVC
Before	Tensile Strength(Mpa)	10.3	9.0
Aging	Elongation(%)	120	120
Aging Condition(°C)		100°C x 168hrs	
Before	Tensile Strength(Mpa)	± 30% of original	
Aging	Elongation(%)	± 30% of original	

General Characteristics

Zero Halogen	IEC 60754-1/-2, EN 50267-2-1/-2-2
Non Corrosive Gases	(VDE 0482-267-2-1/-2-2) - applies to FRNC/LSOH
Flame Propagation	IEC 60332-1-2, EN 60332-1-2
Smoke Density	IEC 61034-1/-2, EN 61034-1/-2 - applies to FRNC/LSOH

Ordering information

Part No.	Description
RCI-225702P-15A	22 AWG 2 pairs Shielded, Braiding FR/PVC RS485 cable, 305m, White
RCI-22S202P-20A	22 AWG 2 pairs Shielded, Braiding PE RS485 cable, 500m, Black