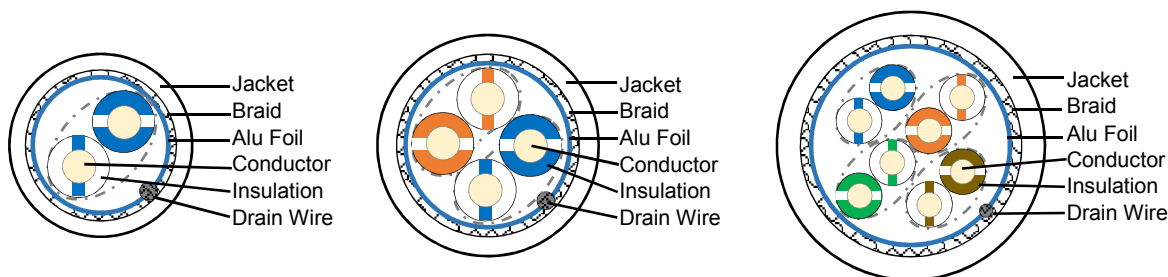




24AWG RS-485 Cable

Description

RS-485 Cable, a Multi-conductor, Low capacitance cable. Widely used communication interface in data acquisition and control applications, downward compatible to RS-422 and RS-232 signal.



Construction		1-Pair	2-Pair	4-Pair
Conductor	Material	Bare Copper		
	AWG	24 (7 x 32)		
Insulation	Material	PE		
	Thickness (mm)	0.56 (average)		
	Diameter (mm ±0.15mm)	1.72 (nominal)		
	Colour	White/Blue & Blue/White	1. White/Blue & Blue/White 2. White/Orange & Orange/White	1. White/Blue & Blue/White 2. White/Orange & Orange/White 3. White/Green & Green/White 4. White/Brown & Brown/White
1 st Shielding	Material	Aluminium-Mylar Foil		
Drain Wire	Tinned Copper (AWG)	7 x 32		
2 nd Shielding	Material	Tinned Copper		
	Coverage (%)	90		
Jacket	Material	PVC		
	Thickness (mm)	0.89 (average) 0.72 (min. point)		
	Diameter (mm ±0.5mm)	5.89	8.64	9.90
	Colour	Black		

Electrical Characteristics

Impedance	120 Ω
Max. Conductor DC Resistance @20°C (ohms/km)	94.2

Mechanical Characteristics

Operating Temperature	-15°C to 80°C
Max Pulling Tension	322 N
Min. Bend Radius	59mm(1-pair) / 87mm(2-pair) / 100mm(4-pair)

Part Number	Description
301-RS5101-0500	1-pair 24AWG Stranded Tinned copper, RS-485 Cable, PVC
301-RS5102-0500	2-pair 24AWG Stranded Tinned copper, RS-485 Cable, PVC
301-RS5104-0500	4-pair 24AWG Stranded Tinned copper, RS-485 Cable, PVC