



**Product Code: 9124**

RS485, 1 Pair, 24 AWG, TC, PE Insulation, Shielded, TC Braided, PVC Jacket

### Product Description

RS485, 1 Pair, 24 AWG, Tinned Copper, PE-Polyethylene Insulation, Shielded, Tinned Copper Braided, PVC Jacket CM with Rip Cord.

### TECHNICAL SPECIFICATION

**Suitable Application** Multi-Conductor-Audio, Control and Instrumentation Cables

#### Conductor

Element	Conductor(s)
No. of Element	1 Pair
Size	24 AWG
Stranding	7x32
Material	Tinned Copper

#### Insulation

Material	Polyethylene
Nominal Diameter (mm)	1.8±0.15x2C
Color Code	White/Blue Stripe Blue/White Stripe

#### Outer Shield

Element	Tape
Material	AI-PET Shield
Coverage	≥115%
Drain Wire Type	24 AWG Tinned Copper

#### Outer Jacket

Material	CMR PVC
Nominal Diameter (mm)	5.9 ± 0.2

### ELECTRICAL CHARACTERISTICS

#### Electrical

Max Con DC Resistance at 20°C (Ω/km)	<84.6
20°C Insulation Resistance (MΩkm)	>200
Nom Capacitance Con to Con (pF/m)	42±20
Nom Capacitance Con to Con + Shield (pF/m)	92±20
Voltages	300V

### MECHANICAL CHARACTERISTICS

Temperature Range (°C)	-25°C to +75°C
Bend Radius Min (mm)	64.0
Max Pull Tension	32 kg
Bulk Cable Weight	16.5 kg/305 m

### STANDARDS & COMPLIANCE

Reaction to Fire: UL 1666 Riser: IEC 60332-1-2

RoHS2(2011/65/EU Compliant)

UL Number E535337

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