



Part No.: **9224NH**

RS-485, 2 Pairs, 24 AWG, TC stranded , PO Insulation, Shielded, OS, TC Braided, LSZH Jacket, Dca

Product Description

RS-485, 2 Pair, 24 AWG, Tinned Copper, Polyethylene Insulation, Shielded, overall Tinned Copper Braided, LSZH Jacket, Dca

TECHNICAL SPECIFICATION

Suitable Application RS 485, LV digital control-24V., Pnel wiring, Multi-Conductor-Audio, Control and Instrumentation Cables, low voltage analog signals 4-20ma. 0-10v., serial communication RS485: PLCs, HMIs, motors , RTU, scada , VFD etc

Conductor

Element	Pair(s)
No. of Element	2
Size	24 AWG
Stranding	7x32
Material	Tinned Copper

Insulation

Material	PE-Polyethylene
Nominal Diameter (mm)	1.7±0.10
Color Code	Blue/White, White/Orange

Outer Shield

Tape	Tape
Material	Al-Foil
Coverage	>=115%
Braiding	90% - Tinned Copper

Outer Jacket

Material	LSZH
Nominal Thickness (mm)	0.90
Nominal Diameter (mm)	8.60± 0.30

ELECTRICAL CHARACTERISTICS

Electrical

Max Con DC Resistance at 20°C (Ω/km)	<95
20°C Insulation Resistance (MΩkm)	0.009
Nom Capacitance Con to Con (pF/m)	42 pF/m
Nom Capacitance Con to Con + Shield	75 pF/m
Voltage	300V

MECHANICAL CHARACTERISTICS

Temperature Range (°C)	-45°C to +80°C
Bend Radius Stationary Min (mm)	43.0
Bend Radius Installation Min (mm)	86.0
Bulk Cable Weight	25.0 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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