

2 Pair 24 AWG Overall Braid Shielded Paired Cable RS 485

 POLYNOR

The Overall braid Shielded Paired Cable from NORDEN is suitable to use within Audio, Control and Instrumentation purpose. The cable is constructed with PP or PE insulation, 100 % Aluminium Foil – Polyester Tape Overall Shielded with Tinned braid Coverage .This Cable is protected by PVC Outer Jacket.

 RoHS



Insulation	PE
Shielding	Aluminium Foil - Polyester Tape
Foil Coverage	100 %
Conductor Material	Tinned Copper
Braid Shield Coverage	90% Tinned Copper
Drain Wire	Tinned Copper
Outer Jacket	PVC (Polyvinyl Chloride)
Jacket Colour	Grey

PHYSICAL CHARACTERISTICS

CHARACTERISTIC	VALUE
No. of Pair	2
Conductor Size	24 AWG 7 x 32
Insulation Thickness	0.56 mm
Drain Wire Size	22 AWG 7 x 32
Jacket Thickness	0.89 mm
Jacket Diameter	8.63 mm
Max. Recommended Pulling Tension	387 N
Min. Bending Radius Minor Axis	88.9 mm
Operating Temperature	-30°C to +80°C

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC	UNIT	VALUE
Nom. Characteristic Impedance	Ω	120.0
Nom. Capacitance Cond. to Cond.	pf/m	3.90
Nom. Conductor DCR	Ω/km	78.60
Nom. Capacitance Cond. to Cond. & Shield	pf/m	7.01
Max. Recommended Current @ 25°C	Amps	2.1
Max. Operating Voltage UL	V/min	300

MECHANICAL CHARACTERISTICS

CHARACTERISTIC	VALUE
Test Material	PVC
Before Tensile Strength (Mpa)	≥ 13.8
Aging Elongation (%)	≥ 100
After Tensile Strength (Mpa)	≥ 10.35
Aging Elongation (%)	≥ 75
Cold Bend (-20 \pm °C x 4 hrs)	No Crack

INSULATION COLOUR CODE

INDIVIDUAL PAIR	COLOUR
Pair 1	White / Blue
Pair 2	White / Orange

ORDERING INFORMATION

PRODUCT	DESCRIPTION	LENGTH
72-4502241	2 Pair 24 AWG Overall Foil Shielded Paired Cable RS485 PP Insulation	305M
72-3502241	2 Pair 24 AWG Overall Foil Shielded Paired Cable RS485 PE Insulation	305M

