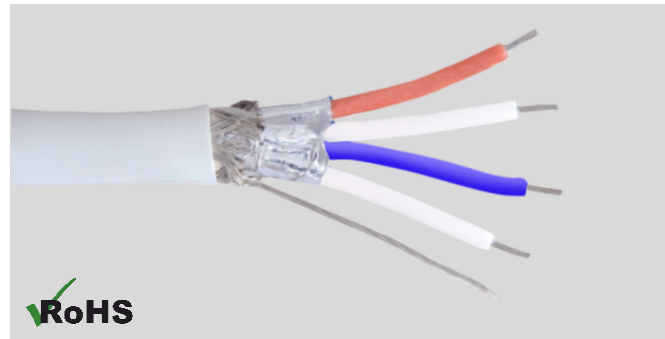


2 Pair 22 AWG Overall Foil & Braid Shielded Paired Cable RS 485



The Overall braid Shielded Paired Cable from NORDEN is suitable to use within Audio, Control and Instrumentation purpose. The cable is constructed with Foam HDPE insulation, 100 % Aluminium Foil Polyester Tape Overall Shielded with Tinned braidCoverage .This Cable is protected by PVC/HFFR Outer Jacket.



CABLE CONSTRUCTION

Conductor Tinned Copper	Shielding Aluminium foil-polyester tape	Outer Jacket PVC/HFFR	Braid Shield Coverage 65% Tinned Copper
Insulation Foam HDPE	Foil Coverage 100%	Drain Wire Tinned Copper	Jacket Color Grey/Purple

PHYSICAL CHARACTERISTICS

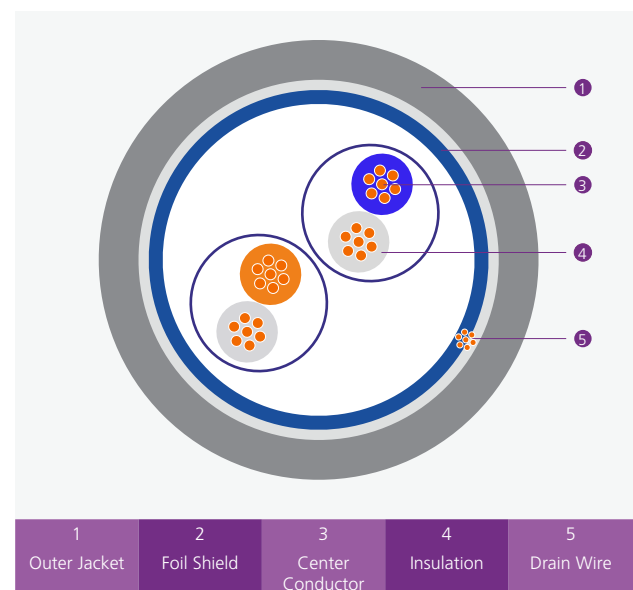
Characteristic	Value
No. of Pair	2
Conductor Size	22 AWG 7 x 30
Insulation Thickness	0.56 mm
Drain Wire Size	22 AWG 7 x 30
Nom. Jacket Thickness	0.89mm
Nom. Jacket Diameter	8.89 mm
Max. Recommended Pulling Tension	356 N
Min. Bending Radius Minor Axis	88.9 mm
Operating Temperature	-20°C to +60°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Characteristic Impedance	Ω	120.0
Nom. Capacitance Cond. to Cond.	pF/m	36
Max. Conductor DCR	Ω /Km	48.3
Nom. Capacitance Cond. to Cond. & Shield	pF/m	68.5
Max. Recommended Current @25°C	Amps	2.7
Max. Operating Voltage UL	V/min	300

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PVC/HFFR
Before Tensile Strength (Mpa)	≥ 13.8
Aging Elongation (%)	≥ 100
After Tensile Strength (Mpa)	≥ 10.35
Aging Elongation (%)	≥ 75
Cold Bend (-20±°C x 4 hrs)	No Crack



2 Pair 22 AWG Overall Foil & Braid Shielded Paired Cable RS 485



INSULATION COLOUR CODE

Individual Pair	Colour
Pair 1	White/Blue
Pair 2	White/Orange

ORDERING INFORMATION

Part Number	Description
78-350221	2 Pair 22 AWG Overall Foil & Braid Shielded Paired Cable Rs485 PVC, 305m
78-350229	2 Pair 22 AWG Overall Foil & Braid Shielded Paired Cable Rs485 HFFR, 305m