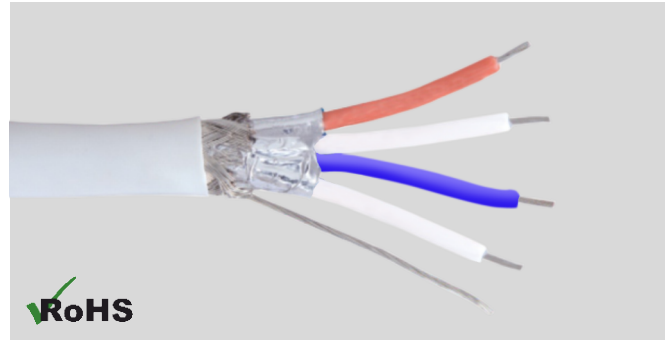


2 PAIR 16 AWG OVERALL FOIL & BRAID SHIELDED PAIRED CABLE RS 485



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 braid Coverage .This Cable is protected by PVC/LSZH Outer Jacket.



CABLE CONSTRUCTION

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

PHYSICAL CHARACTERISTICS

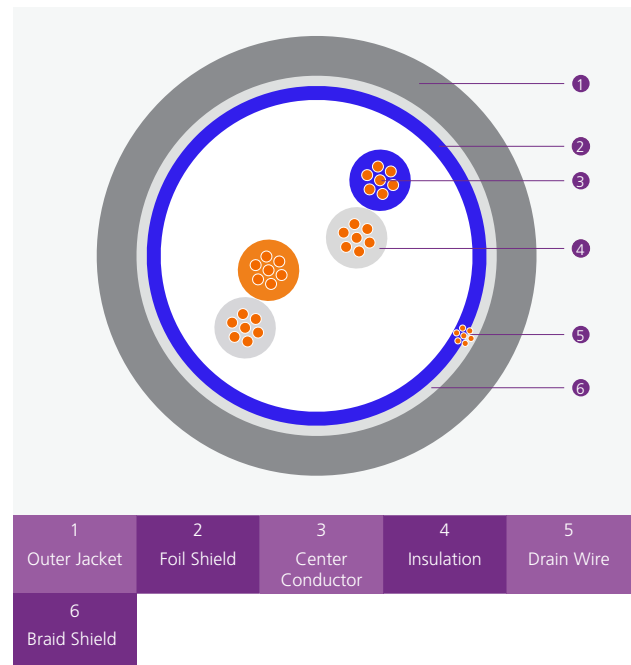
Characteristic	Value
No. of Pair	2
Conductor Size	16 AWG 19 x 0.287mm
Insulation Thickness	1.0 mm
Drain Wire Size	7 x 0.254
Nom. Jacket Thickness	1.0mm
Nom. Jacket Diameter	14.3 mm
Max. Recommended Pulling Tension	450 N
Min. Bending Radius Minor Axis	143 mm
Operating Temperature	-20°C to +60°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Characteristic Impedance	Ω	120.0
Max. Conductor DCR	Ω /Km	14.3
Max. Operating Voltage	V/min	300

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PVC/LSZH
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



Building & Industrial Cables - Version 1.0

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INSULATION COLOUR CODE

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

ORDERING INFORMATION

Part Number	Description
78-3502161	2 Pair 16 AWG Overall Foil & Braid Shielded Paired Cable RS485 PVC, 305m
78-3502162	2 Pair 16 AWG Overall Foil & Braid Shielded Paired Cable RS485 LSZH, 305m