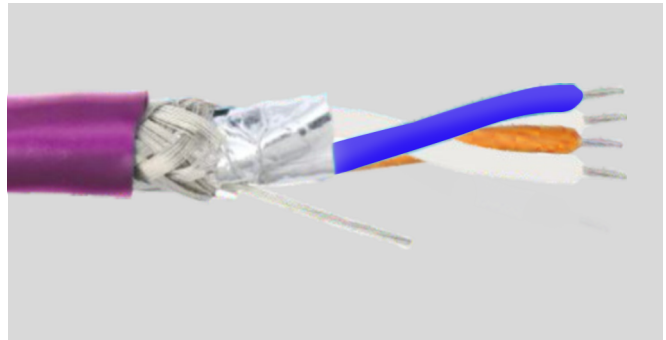


# 2 Pair 18 AWG Overall Foil & Braid Shielded RS485 Cable LSZH



The Overall Screened Paired Cable from NORDEN is suitable to use as low capacitance RS-485 computer cable. The cable is constructed with Foamed PE insulation, 100 % Aluminium-Foil Polyester Tape Overall Shielded with 90% Tinned Copper wire braid Coverage. This Cable is protected by a LSZH outer jacket.



## CABLE CONSTRUCTION

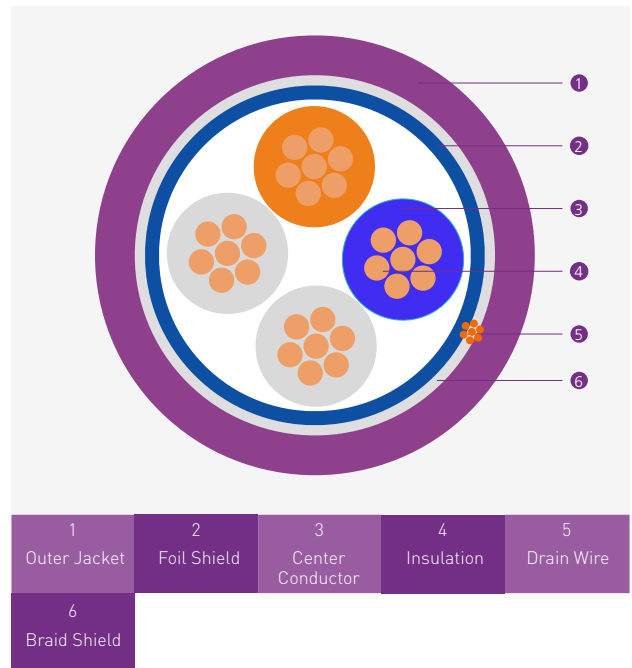
<b>Conductor</b> Stranded Tinned Copper	<b>Shielding</b> Aluminium Foil - Polyester Tape	<b>Braid Shield</b> 90% Tinned Copper	<b>Outer Jacket</b> LSZH
<b>Insulation</b> Foam Polyethylene	<b>Foil Coverage</b> 100%	<b>Drain Wire</b> Tinned Copper	<b>Jacket Color</b> Purple

## PHYSICAL CHARACTERISTICS

Characteristic	Value
No. of Pair	2
Conductor Size	18 AWG 7/0.4±0.008mm
Insulation Diameter	3.0±0.2 mm
Insulation Thickness	1.0 mm
Drain Wire Size	7/0.254±0.05mm
Jacket Thickness	1.0 mm
Jacket Diameter	13.2±0.5 mm
Operating Temperature	-20°C to +75°C

## ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Characteristic Impedance	Ω	120±15
Nom. Capacitance Cond. to Cond.	pF/m	32.0
Max. Conductor DCR @ 20°C	Ω/km	21.5
Nom. Capacitance Cond. to Cond. & Shield	pF/m	70
Max. Recommended Current @ 25°C	Amps	5
Max. Operating Voltage	V Rms	300



Building & Industrial Cables

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## MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	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

## INSULATION COLOUR CODE

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

## ORDERING INFORMATION

Product	Description	Net Weight (Kg/Km)
78-3502182	2 Pair 18 AWG Overall Foil & Braid Shielded RS485 Cable LSZH	81.0