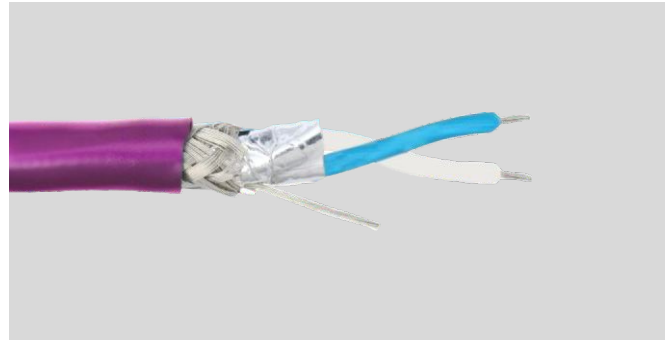


1 PAIR 18 AWG OVERALL SCREEN HFFR JACKET RS 485 CABLE

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 65% Tinned Copper wire braid Coverage. This Cable is protected by HFFR outer jacket.



CABLE CONSTRUCTION

Conductor

Stranded Tinned Copper

Shielding

Aluminium Foil - Polyester Tape

Braid Shield

65% Tinned Copper

Outer Jacket

HFFR

Insulation

Foam Polyethylene

Foil Coverage

100%

Drain Wire

Tinned Copper

Jacket Color

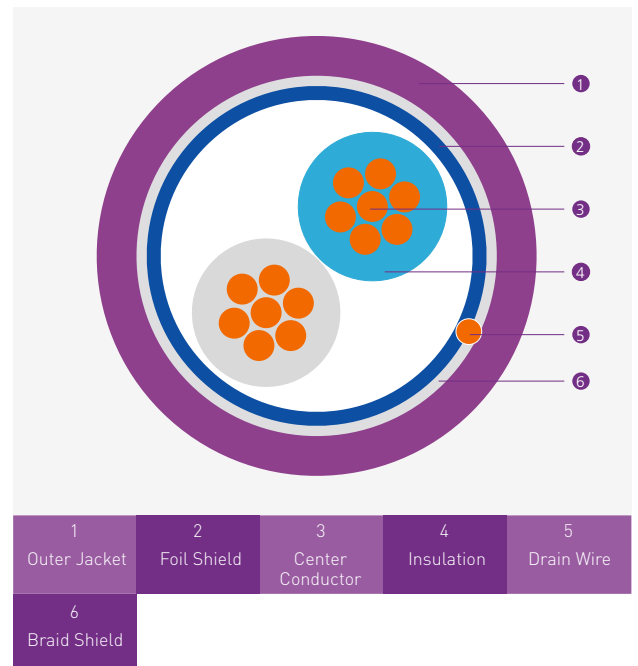
Purple

PHYSICAL CHARACTERISTICS

Characteristic	Value
No. of Pair	1
Conductor Size	18 AWG, 7 x 26 mm
Insulation Diameter	3.2 mm
Insulation Thickness	1.0 mm
Drain Wire Size	7 x 0.2 mm
Jacket Thickness	0.8 mm
Jacket Diameter	9.0 mm
Max. Recommended Pulling Tension	350 N
Min. Bending Radius Minor Axis	90 mm
Operating Temperature	-20°C to +75°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Characteristic Impedance	Ω	120.0
Nom. Capacitance Cond. to Cond.	pF/m	32.0
Max. Conductor DCR @ 25°C	Ω /km	22.7
Nom. Capacitance Cond. to Cond. & Shield	p/m	70
Max. Recommended Current @ 25°C	Amps	5
Max. Operating Voltage UL	V Rms	300



1 PAIR 18 AWG OVERALL SCREEN HFFR JACKET RS 485 CABLE

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	HFFR
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

ORDERING INFORMATION

Product	Description	Net Weight (Kg/Km)
78-3501189	1 Pair 18 AWG Overall Screen HFFR Jacket RS-485 Cable	81.0