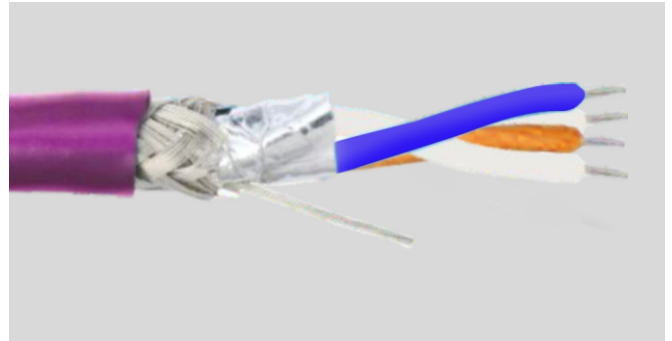


2 Pair 18 AWG Overall Foil & Braid Shielded RS485 Cable HFFR

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 HFFR outer jacket.



CABLE CONSTRUCTION

Conductor

Stranded Tinned Copper

Shielding

Aluminium Foil - Polyester Tape

Braid Shield

90% Tinned Copper

Outer Jacket

HFFR

Insulation

Foam Polyethylene

Foil Coverage

100%

Drain Wire

Tinned Copper

Jacket Color

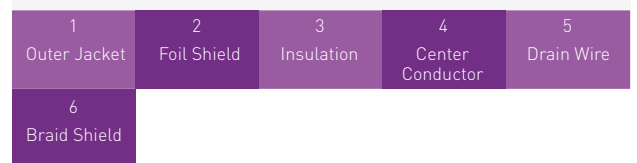
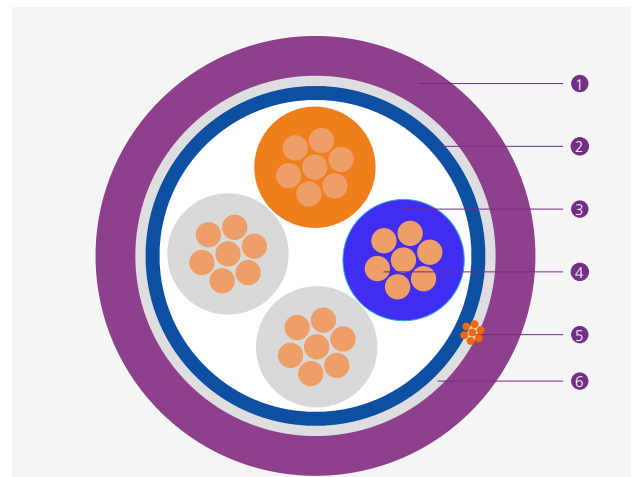
Purple

PHYSICAL CHARACTERISTICS

Characteristic	Value
No. of Pair	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



2 Pair 18 AWG Overall Foil & Braid Shielded RS485 Cable HFFR

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
Pair 2	White/Orange

ORDERING INFORMATION

Product	Description	Net Weight (Kg/Km)
78-3502189	2 Pair 18 AWG Overall Foil & Braid Shielded RS485 Cable HFFR	81.0