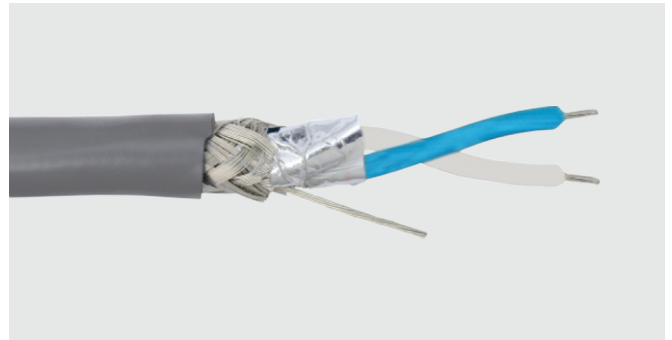


# 1 PAIR 22 AWG OVERALL FOIL & BRAID SHIELDED PAIRED CABLE RS 485

The Overall braid shielded paired cable from NORDEN is suitable to use with in Audio, Control and Instrumentation purpose. The cable is constructed with foamed PE Insulation, 100% Aluminium Foil-Polyester Tape Overall Shielded with Tinned braid Coverage. This Cable is protected by PVC outer Jacket.



## CABLE CONSTRUCTION

### Conductor

Tinned Copper

### Foil Coverage

100%

### Outer Jacket

PVC

### LSZH Standard Compliance

IEC 60332-1& 2 (Fire flame test)  
IEC 60754-1 ( Emission of Halogen )  
IEC 60754-2 ( Corrosivity )  
IEC 61034-1 (Emission of Smoke )  
ISO4589-2 ( Oxygen Index LOI )

### Insulation

Foamed Polyethylene

### Braid Shield

65% Tinned Copper

### Jacket Color

Grey

### Shielding

Aluminium Foil - Polyester Tape

### Drain Wire

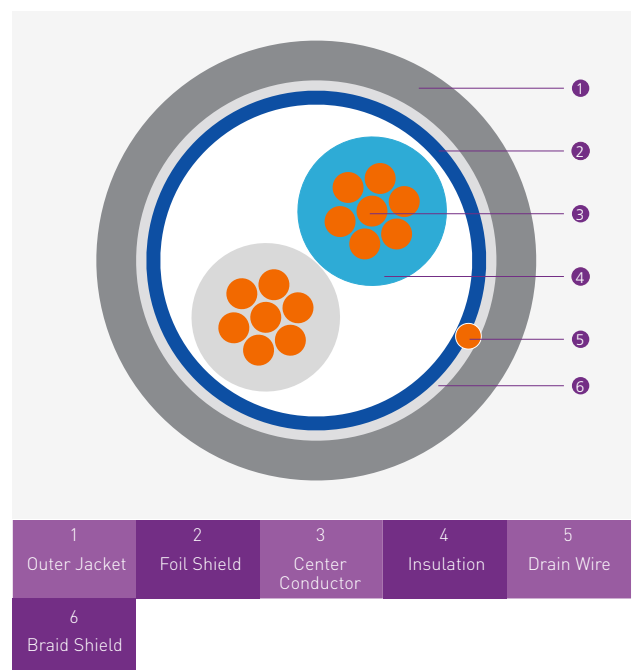
Tinned Copper

## PHYSICAL CHARACTERISTICS

Characteristic	Value
No. of Pair	1
Conductor Size	22 AWG, 7 x 0.25 mm
Insulation Diameter	2.13 mm
Drain Wire Size	22 AWG, 7 x 0.25 mm
Jacket Thickness	1.0 mm
Jacket Diameter	7.1 mm
Max. Recommended Pulling Tension	266.8 N
Min. Bending Radius Minor Axis	71 mm
Operating Temperature	-20°C to +60°C

## ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Characteristic Impedance	$\Omega$	120.0
Nom. Capacitance Cond. to Cond.	pf/m	36.09
Max. Conductor DCR @ 25°C	$\Omega$ /km	48.2
Nom. Capacitance Cond. to Cond. & Shield	pf/m	68.5
Max. Recommended Current @ 25°C	Amps	2.7
Max. Operating Voltage UL	V Rms	300



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## MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PVC
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

## ORDERING INFORMATION

Part Number	Description	Net Weight (Kg/Km)
78-3501221	1 Pair 22 AWG Overall Foil & Braid Shielded Paired Cable Rs485, PVC	65.48
78-3501222	1 Pair 22 AWG Overall Foil & Braid Shielded Paired Cable Rs485, LSZH	67.48