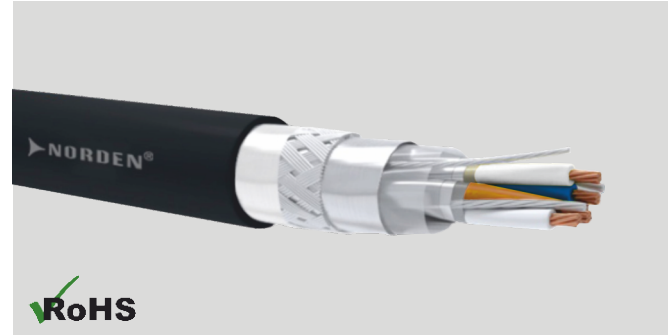


# 2 Pair 22 AWG Individual Foil, Overall Foil & Braid Shielded Paired cable Rs485



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 % Individual & Overall Aluminium-Foil Polyester Tape with 65% Tinned Copper wire braid Coverage. This Cable is protected by TPU Jacket for Industrial applications.



## CABLE CONSTRUCTION

<b>Conductor</b> Stranded tinned Copper Wire	<b>Wrapping</b> Water-resistant Tela	<b>Braiding</b> 65% Tinned Copper	<b>Jacket Color</b> Grey/Purple/Black
<b>Insulation</b> Foam PE	<b>Outer Jacket</b> TPU	<b>Jacket Color</b> Grey/Purple/Black	
<b>Inner/Outer Shielding</b> 100% Aluminium foil-Polyester tape	<b>Drain Wire</b> Tinned Copper	<b>Braiding</b> 65% Tinned Copper	

## PHYSICAL CHARACTERISTICS

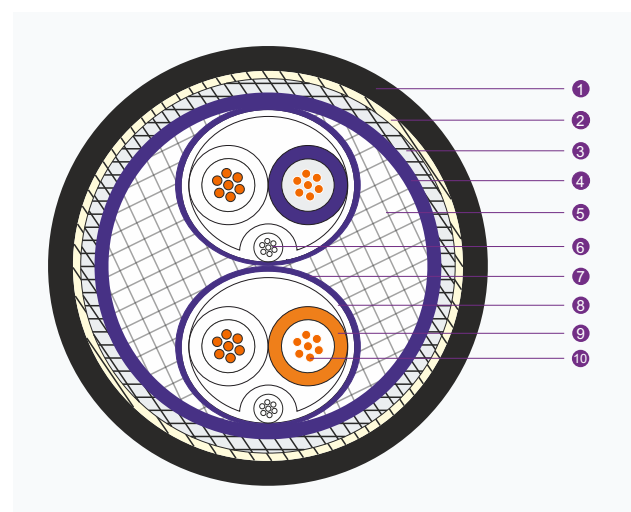
Characteristic	Value
No. of Pair	2
Conductor Size	22 AWG 7x0.25mm
Insulation Thickness	2.2±0.05mm
Drain Wire Size	7x0.2mm
Outer Jacket Thickness	1.2mm
Outer Cable Diameter	10.5 ± 0.2mm
Max. Recommended Pulling Tension	83LBS
Min. Bend Radius(Installation)	12x0.D
Operating Temperature	-30°C to +70°C
Fillers	Fire Retardant Cords

## ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Characteristic Impedance	Ω	120 ±10
Max. Conductor DCR	Ω/Km	57.4
Max Operating Voltage	V	300
Sparker test	VAC	3000
Insulation Resistance	MΩ•km	≥ 5000
Core- Core Capacitance	nF/km	45
Core- Shield Capacitance	nF/km	85

## MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	TPU
Before Tensile Strength (Mpa)	20
Aging Elongation (%)	300
After Tensile Strength (Mpa)	14
Aging Elongation (%)	210
Cold Bend (-20±°C x 4 hrs)	PASS



1 Outer Jacket	2 Non-woven tape	3 Braiding	4 AL/PET	5 Filler
6 Drain Wire	7 AL/PET	8 PET	9 Insulation	10 Conductor



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# 2 Pair 22 AWG Individual Foil, Overall Foil & Braid Shielded Paired cable Rs485



## INSULATION COLOUR CODE

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

## ORDERING INFORMATION

Part Number	Description
78-FH0222U	2 Pair 22 AWG Individual Foil, Overall Foil & Braid Shielded Paired cable RS485