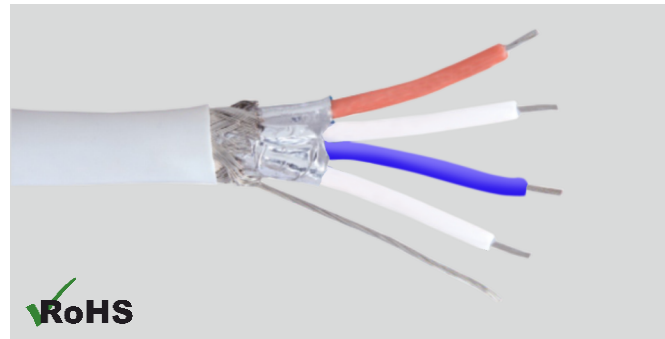


# 2 Pair 24 AWG Overall Foil & Braid Shielded Paired Cable RS 485



The Overall braid Shielded Paired Cable from NORDEN is suitable to use within Audio, Control and Instrumentation purpose. The cable is constructed with PE insulation, 100 % Aluminium Foil Polyester Tape Overall Shielded with Tinned braid Coverage .This Cable is protected by PVC/LSZH Outer Jacket.



## CABLE CONSTRUCTION

<b>Conductor</b> Tinned Copper	<b>Shielding</b> Aluminium foil-polyester tape	<b>Outer Jacket</b> PVC/LSZH	<b>Braid Shield Coverage</b> 65% Tinned Copper
<b>Insulation</b> PE	<b>Foil Coverage</b> 100%	<b>Drain Wire</b> Tinned Copper	<b>Jacket Color</b> Grey/Purple

## PHYSICAL CHARACTERISTICS

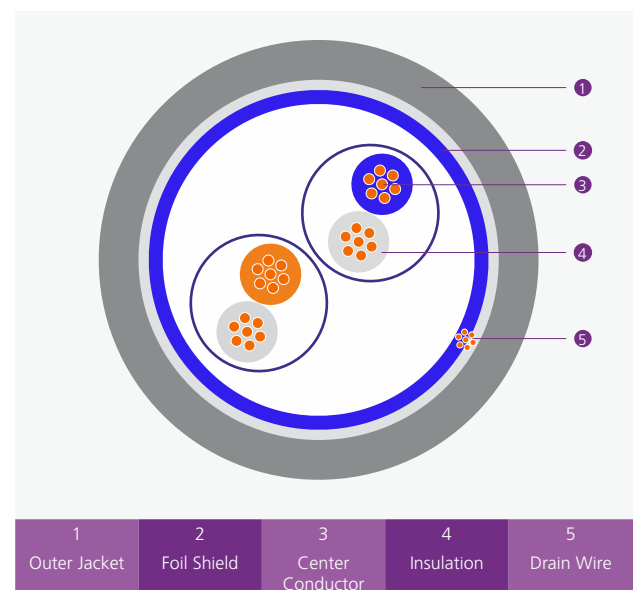
Characteristic	Value
No. of Pair	2
Conductor Size	24 AWG 7 x 32
Insulation Thickness	0.4 mm
Drain Wire Size	24 AWG 7 x 32
Nom. Jacket Thickness	0.6mm
Nom. Jacket Diameter	8.2 mm
Max. Recommended Pulling Tension	400 N
Min. Bending Radius Minor Axis	55 mm
Operating Temperature	-20°C to +60°C

## ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Characteristic Impedance	$\Omega$	100.0
Nom. Capacitance Cond. to Cond.	pF/m	55
Max. Conductor DCR	$\Omega$ /Km	85
Nom. Capacitance Cond. to Cond. & Shield	pF/m	135
Max. Recommended Current @25°C	Amps	2.7
Max. Operating Voltage UL	V/min	300

## MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PVC/LSZH
Before Tensile Strength (Mpa)	$\geq 13.8$
Aging Elongation (%)	$\geq 100$
After Tensile Strength (Mpa)	$\geq 10.35$
Aging Elongation (%)	$\geq 75$
Cold Bend (-20±°C x 4 hrs)	No Crack



# 2 Pair 24 AWG Overall Foil & Braid Shielded Paired Cable RS 485



### INSULATION COLOUR CODE

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

### ORDERING INFORMATION

Part Number	Description
78-3502241	2 Pair 24 AWG Overall Foil & Braid Shielded Paired Cable RS485 PVC, 305m
78-3502242	2 Pair 24 AWG Overall Foil & Braid Shielded Paired Cable RS485 LSZH, 305m