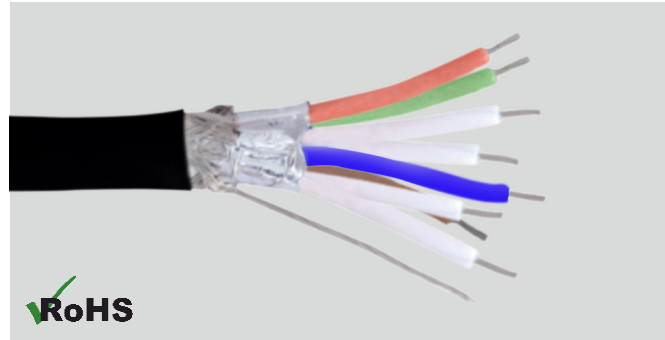


4 PAIR 24 AWG OVERALL FOIL & BRAID SHIELDED PAIRED CABLE RS 485



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 LZSH Outer Jacket for external application.



CABLE CONSTRUCTION

Conductor Tinned Copper	Shielding Aluminium foil-polyester tape	Outer Jacket LSZH	Braid Shield Coverage 90% Tinned Copper
Insulation PE	Foil Coverage 100%	Drain Wire Tinned Copper	Jacket Color Black

PHYSICAL CHARACTERISTICS

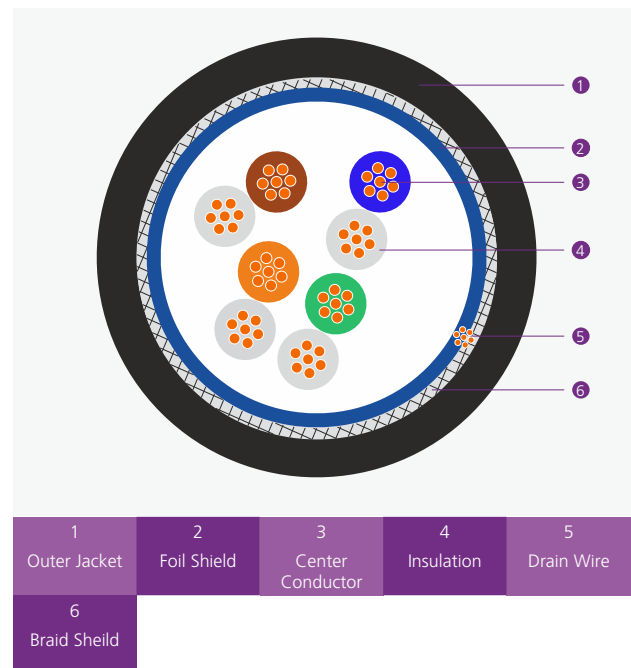
Characteristic	Value
No. of Pair	4
Conductor Size	24 AWG 7 x 0.2±0.01
Insulation Thickness	0.50 mm
Drain Wire Size	24 AWG 7×0.2±0.01mm
Nom. Jacket Thickness	0.85 mm
Nom. Jacket Diameter	11.0±0.5 mm
Max. Recommended Pulling Tension	450 N
Operating Temperature	-15°C to +70°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Characteristic Impedance	Ω	120±15
Nom. Capacitance Cond. to Cond.	pF/m	30
Max. Conductor DCR	Ω/Km	90.9
Nom. Capacitance Cond. to Cond. & Shield	pF/m	60
Max. Operating Voltage UL	V/min	300
Velocity of Propagation	%	66

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	LSZH
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



4 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
Pair 3	White/Green
Pair 4	White/Brown

ORDERING INFORMATION

Part Number	Description
78-3504242	4 Pair 24 AWG Overall Foil & Braid Shielded Paired Cable RS 485