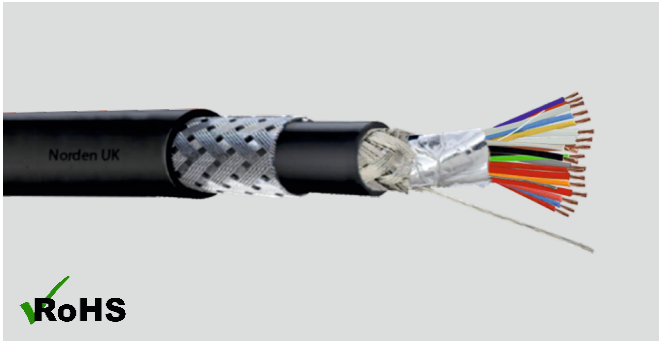
10 PAIR 24 AWG DOUBLE BRAID & OVERALL FOIL SHIELDED RS 485 CABLE

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 LSZH Outer Jacket.



CABLE CONSTRUCTION

Conductor
Stranded Tinned Copper

Shielding
Aluminium foil-polyester tape

Braid Shield Coverage
65% Tinned Copper

Inner Sheath
LSZH

Outer sheath
LSZH

Insulation
PE

Foil Coverage
100%

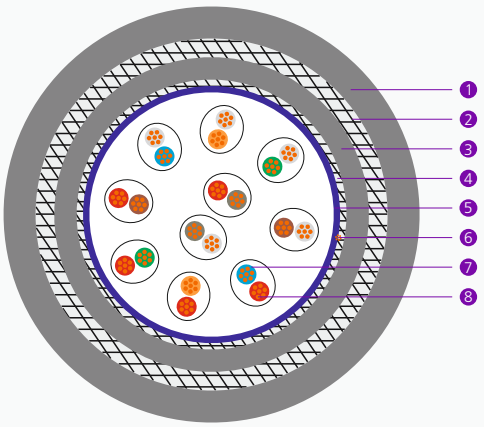
Drain Wire
Tinned Copper

Armour
65% coverage galvanized steel wire braiding

Jacket Colour
Black

PHYSICAL CHARACTERISTICS

Characteristic	Value
No. of Pair	10
Conductor Size	7 x 0.20mm
Insulation Thickness	0.50 ± 0.10mm
Drain Wire Size	7 x 0.20mm
Nom. Jacket Thickness	0.50 ± 0.10mm
Nom. Jacket Diameter	1.6 ± 0.20mm
Inner Sheath Diameter	14.7 ± 2.5 mm
Inner Sheath Thickness	1.2mm
Outer Sheath Diameter	18.3 ± 3 mm
Outer Sheath Thickness	1.4mm
Max. Recommended Pulling Tension	1000N
Min. Bending Radius Minor Axis	36cm
Operating Temperature	-20℃ to +75℃



1 Outer Jacket	2 Galvanized Braid Armouring	3 Inner Jacket	4 Braid Shield	5 Aluminium Foil
6 Drain Wire	7 Insulation	8 Conductor		

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Characteristic Impedance	Ω	38
Max. Conductor DCR	Ω/Km	86
Nom. Capacitance Cond. to Cond. & Shield	pF/m	130
Max. Operating Voltage UL	V	300/500

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MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	LSZH
Before Tensile Strength (Mpa)	⩾10
Aging Elongation (%)	⩾125
After Tensile Strength (Mpa)	⩾70% of unaged
Aging Elongation (%)	⩾70% of unaged
Cold Bend (-20±°C x 4 hrs)	No Crack

INSULATION COLOUR CODE

Individual Pair	Colour
Pair 1	White/Blue
Pair 2	White/Orange
Pair 3	White/Green
Pair 4	White/Brown
Pair 5	White/Grey
Pair 6	Red/Blue
Pair 7	Red/Orange
Pair 8	Red/Green
Pair 9	Red/Brown
Pair 10	Red/Grey

ORDERING INFORMATION

Part Number	Description
78-3A10242	10 PAIR 24AWG Double Braid & Overall Foil Shielded RS485 Cable,LSZH,305m