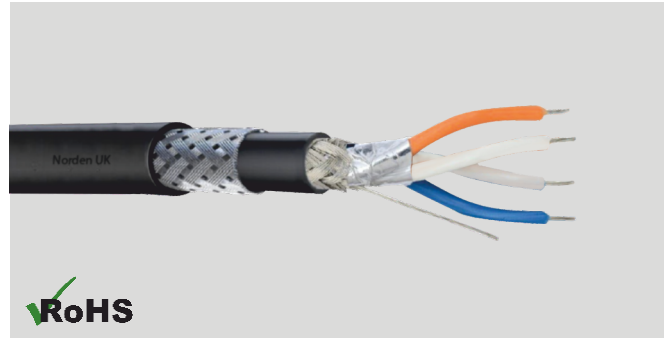


2 PAIR 22AWG GALVANIZED STEEL WIRE BRAID ARMoured CABLE RS485 - XL-LSZH



The Overall braid Shielded Paired Cable from NORDEN is suitable to use within Audio, Control, and Instrumentation purpose. The cable is constructed with XL-LSZH insulation, 100% Aluminium Foil Polyester Tape and Galvanized steel wire armouring. This Cable is protected by XL-LSZH Outer Jacket.



CABLE CONSTRUCTION

Conductor Stranded Tinned Copper	Foil Coverage 100%	Inner Sheath XL-LSZH	Armouring 65% Galvanized steel wire	Drain Wire Tinned Copper
Insulation XL-LSZH	Shielding Al/polyester foil screen	Braid Shield Coverage 65% Tinned Copper	Outer Jacket XL-LSZH	Jacket Color Black

PHYSICAL CHARACTERISTICS

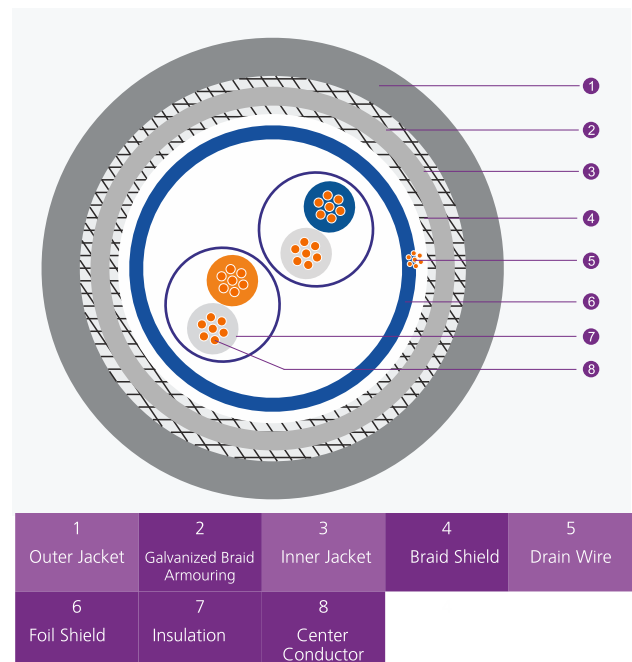
Characteristic	Value
No. of Pair	2
Conductor Size	22 AWG (7/0.254mm)
Insulation Thickness	0.5mm
Drain Wire Size	7*0.2mm
Nom. Jacket Thickness	1.2mm
Nom. Jacket Diameter	13.0±2.0mm
Armouring	0.2mm Galvanized steel wire
Max. Recommended Pulling Tension	400 N
Min. Bending Radius	360mm
Operating Temperature	-35°C±90°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Characteristic Impedance	Ω	120
Nominal Capacitance Cond. to Cond. @1KHz	pF/m	36.1
Nominal Conductor DC Resistance @20°C	Ohm/km	48.4
Nominal Insulation Resistance @ 20 °C	pF/m	135
Max. Recommended Current @25°C	Mohm-km	5000
Max. Operating Voltage	V/min	300

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	XL-LSZH
Before Tensile Strength (Mpa)	≥12.5
Aging Elongation (%)	≥150%
After Tensile Strength (Mpa)	≥9.4
Aging Elongation (%)	≥113%
Cold Bend [-20±°C x 4 hrs]	No Crack



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2 PAIR 22AWG GALVANIZED STEEL WIRE BRAID ARMOURED CABLE RS485 - XL-LSZH



INSULATION COLOUR CODE

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

ORDERING INFORMATION

Part Number	Description
78-LS0222Q	02 Pair 22AWG Galvanized Steel Wire Braid Armoured cable RS-485 XL-LSZH