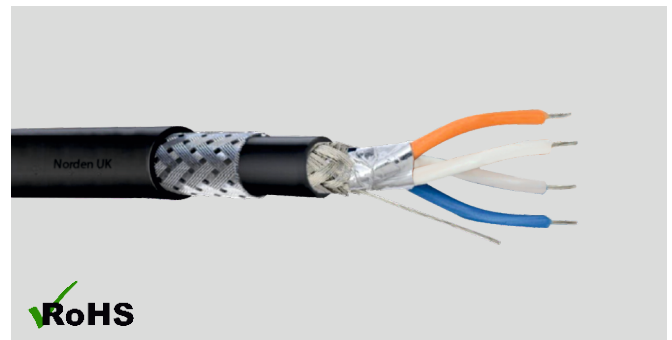


2 PAIR 16 AWG GALVANIZED STEEL WIRE BRAID ARMoured & OVERALL FOIL SHIELD RS-485 CABLE

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, Aluminium Foil Polyester Tape and Galvanized steel wire armouring. This Cable is protected by an LSZH inner & outer Jacket.



CABLE CONSTRUCTION

Conductor Stranded Tinned Copper	Filler Non-Hygroscopic Material	Braid Shield Coverage 65% Tinned Copper	Drain Wire Tinned Copper	Outer Jacket LSZH
Insulation PE	Shielding Al-Foil Tape	Inner Sheath LSZH	Armouring 65% Galvanized Steel Wire Braiding	Jacket Color Black

PHYSICAL CHARACTERISTICS

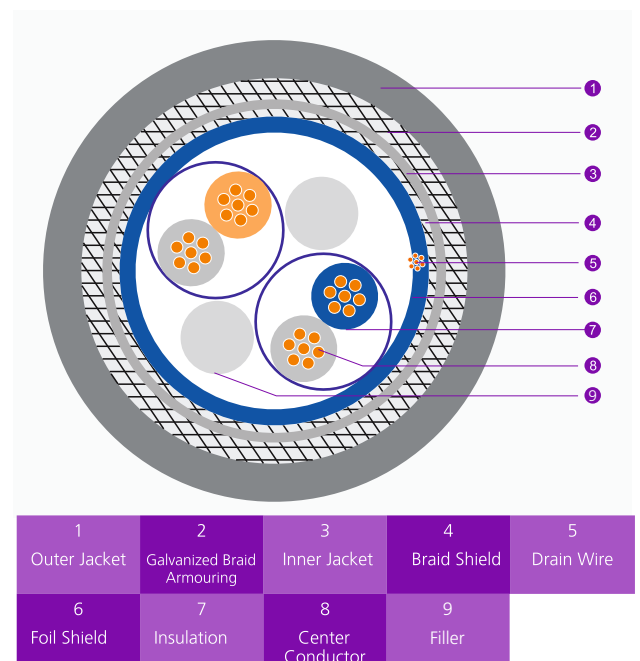
Characteristic	Value
No. of Conductor	2
Conductor Size	26 x 0.254 mm, 16 AWG
Insulation Diameter	2.7 ± 0.20mm
Insulation Thickness	0.60 ± 0.10mm
Drain Wire Size	7 x 0.2mm
Inner Jacket Thickness	1.2mm
Inner Jacket Diameter	13.8 ± 1.5 mm
Braiding	16 x 8/0.16mm
Outer Jacket Thickness	1.4mm
Outer Jacket Diameter	17.4 ± 2 mm
Recommended Pulling Tension	1000N
Min. Bending Radius	35cm
Operating Temperature	-20°C to +75°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Max conductor resistance @20C	Ω/KM	14.8
Max. Operating Voltage	V	300/500V
Voltage Test	V/1min	1000

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	LSZH
Before Tensile Strength (Mpa)	≥10
Aging Elongation (%)	≥125
Aged tensile strength (% unaged)	≥70
Aging Elongation (% unaged)	≥70
Cold Bend [-20°C x 4 hrs]	No Crack



2 PAIR 16 AWG GALVANIZED STEEL WIRE BRAID ARMoured & OVERALL FOIL SHIELD RS-485 CABLE

INSULATION COLOUR CODE

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

ORDERING INFORMATION

Part Number	Description
78-3A02162	02 Pair 16 AWG Galvanized Steel Wire Braid Armoured & Overall Foil Shield RS-485 cable, Inner & Outer LSZH Jacket