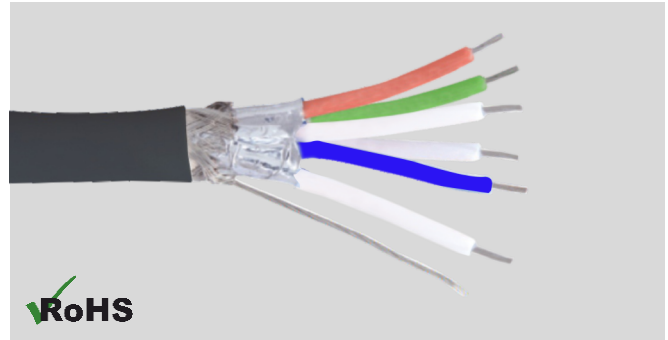


3 Pair 22 AWG Overall Foil & Overall Braid Shielded Paired RS485 Sun & Oil Resistant Cable

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



CABLE CONSTRUCTION

Conductor Tinned Copper (TC)	Shielding AL/PET	Outer Jacket Sun & Oil Resistant PVC	Braid Shield Coverage 85% Tinned Copper
Insulation Foam PE	Foil Coverage 100%	Drain Wire Tinned Copper	Jacket Color Black

PHYSICAL CHARACTERISTICS

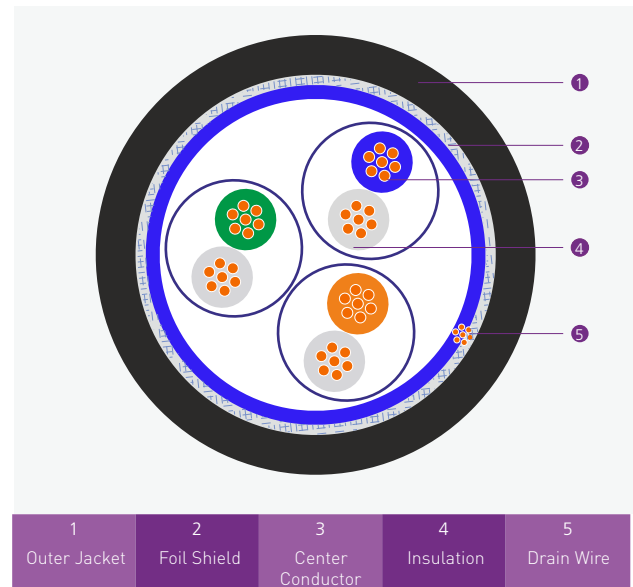
Characteristic	Value
No. of Pair	3
Conductor Size	22 AWG 7 x 0.254 ± 0.01 mm
Insulation Thickness	0.62 mm
Insulation Diameter	2.0 ± 0.1 mm
Drain Wire Size	7 x 0.254 ± 0.01 mm
Jacket Material	Sun & Oil Resistant PVC
Nom. Jacket Thickness	0.90 mm
Nom. Jacket Diameter	10.0 ± 0.5 mm
Max. Recommended Pulling Tension	900N
Min. Bending Radius Minor Axis	150mm min
Operating Temperature	-20°C up to +70°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Characteristic Impedance	Ω	120 ± 15
Nom. Capacitance Cond. to Cond.	pF/m	20
Max. Conductor DCR @ 20°C	Ω/Km	57.4
Nom. Capacitance Cond. to Cond. & Shield	pF/m	45
Max. Recommended Current @25°C	mA	200
Max. Operating Voltage UL	V/min	300

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PVC
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



3 Pair 22 AWG Overall Foil & Overall Braid Shielded Paired RS485 Sun & Oil Resistant Cable



INSULATION COLOUR CODE

Individual Pair	Colour
Pair 1	White/Blue
Pair 2	White/Orange
Pair 3	White/Green

ORDERING INFORMATION

Part Number	Description
78-350322H	3 Pair 22 AWG Overall Foil & Overall Braid Shielded Paired Cable RS485 Sun & Oil resistant PVC Jacket ,305M