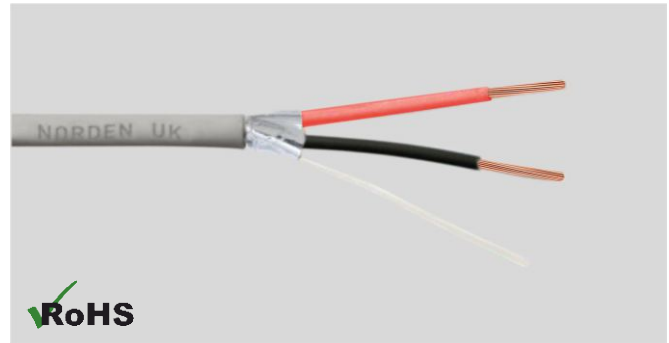


1 Pair 14 AWG Overall Foil Shielded Plenum Cable



The Overall Foil Shielded Plenum Paired Cable from NORDEN is suitable to use within Audio, Control and Instrumentation purpose. The cable is constructed with PVC insulation, 100 % Aluminium Foil – Polyester Tape Shielded and Plenum fire rated PVC Jacket.



CABLE CONSTRUCTION

Conductor Tinned Copper	Shielding 100% Aluminium Foil - Polyester Tape	Outer Jacket PVC (Plenum rated)
Insulation PVC	Drain Wire Tinned Copper	Jacket Color Grey

PHYSICAL CHARACTERISTICS

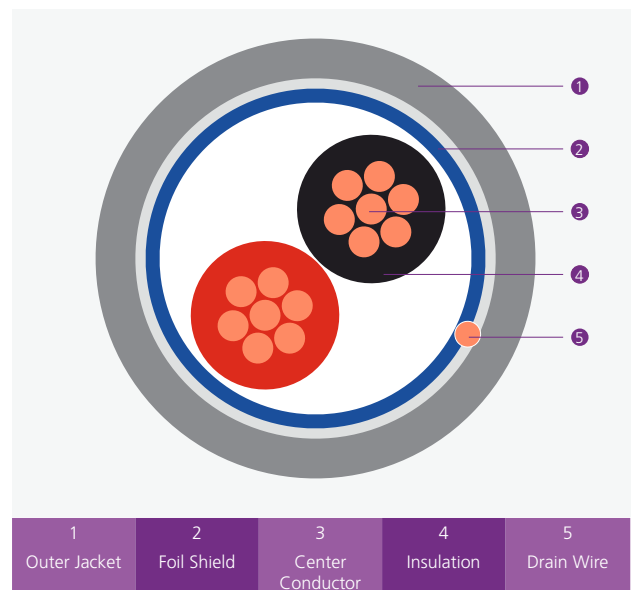
Characteristic	Value
No. of Pair	1
Conductor Size	14 AWG 19 x 27
Insulation Diameter	3.40 +/- 0.05 mm
Drain Wire Size	16 AWG
Jacket Thickness	0.9 +/- 0.05 mm
Outer Jacket Diameter	9.1 +/- 0.5 mm
Max. Recommended Pulling Tension	712 N
Min. Bending Radius Install	73 mm
Operating Temperature	-10°C to +60°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Characteristic Impedance	Ω	58.0
Nom. Capacitance Cond. to Cond. to Cond.	pf/m	78.8
Max. Conductor DCR	Ω/km	8.96
Nom. Capacitance Cond. to Cond. & Shield	pf/m	154.5
Dielectric Strength between Pairs	kV/min	DC1.5

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



1 Pair 14 AWG Overall Foil Shielded Plenum Cable



INSULATION COLOUR CODE

Individual Pair	Colour
Pair 1	Black/Red

ORDERING INFORMATION

Part Number	Description	Net Weight [Kg/Km]
72-1201143	1 Pair 14 AWG Overall Foil Shielded Plenum Cable, 305m	100.06