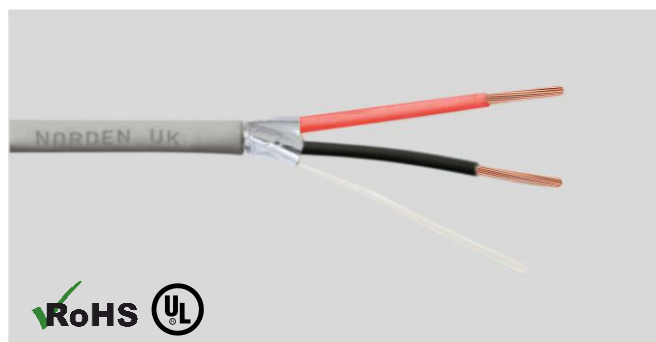


1 Pair 20 AWG Overall Foil Shielded Paired Cable

POLYNOR

The Multi Conductor 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 Shielding and UL rated CM/CMX/CMR PVC Jacket.



UL File No: E318213

CABLE CONSTRUCTION

Conductor
Tinned Copper

Shielding
Aluminium Foil -
Polyester Tape

Drain Wire
Tinned Copper

Jacket Color
Grey

Insulation
PE (High Density Polyethylene)

Foil Coverage
100%

Outer Jacket
PVC

PHYSICAL CHARACTERISTICS

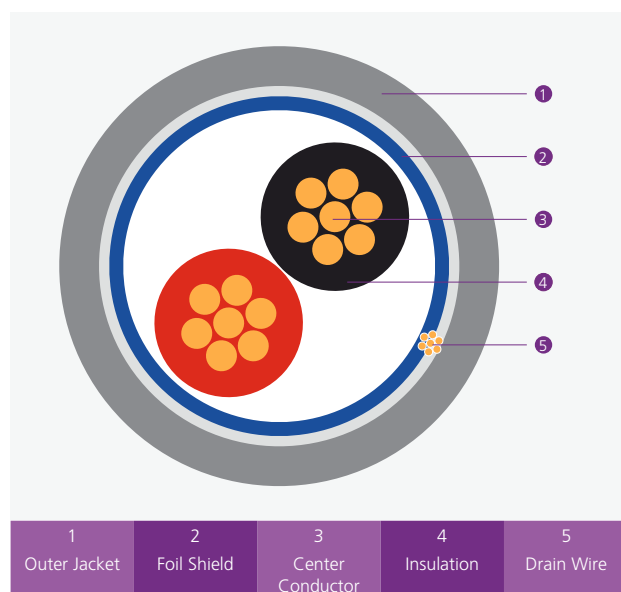
Characteristic	Value
No. of Pair	1
Conductor Size	20 AWG 7 x 28
Insulation Thickness	0.40 mm
Insulation Diameter	1.80 mm
Drain Wire Size	20 AWG 7 x 28
Jacket Thickness	0.70 mm
Jacket Diameter	4.90 mm
Max. Recommended Pulling Tension	204 N
Min. Bending Radius Minor Axis	50 mm
Operating Temperature	-10°C to +75°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Characteristic Impedance	Ω	56.0
Nom. Capacitance Cond. to Cond.	pF/m	88.5
Nom. Conductor DCR	Ω /km	31.1
Nom. Capacitance Cond. to Cond. & Shield	pF/m	160.7
Max. Recommended Current @ 25°C	Amps	3.9
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



1 Pair 20 AWG Overall Foil Shielded Paired Cable



INSULATION COLOUR CODE

Individual Pair	Colour
Pair 1	Black/Red

ORDERING INFORMATION

Part Number	Description	Net Weight (Kg/Km)
72-320120F	1 Pair 20 AWG Overall Foil Shielded Paired Cable CM Rated PVC, 305m	31
72-320120G	1 Pair 20 AWG Overall Foil Shielded Paired Cable CMX Rated PVC, 305m	31
72-320120C	1 Pair 20 AWG Overall Foil Shielded Paired Cable CMR Rated PVC, 305m	31