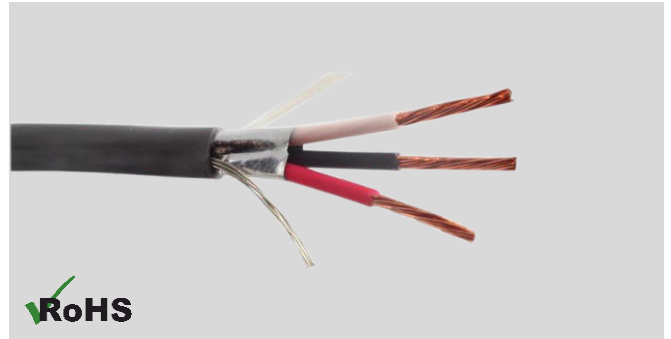


3 Core 24 AWG Shielded Multi Conductor Plenum Cable

POLYNOR

The Shielded Multi Conductor Cable from NORDEN is suitable to use within Audio, Control and Instrumentation purposes. The cable is constructed with Plenum PVC Insulation, 100 % Aluminium Foil – Polyester Tape Shielded and Plenum rated PVC outer jacket.



CABLE CONSTRUCTION

Conductor

Stranded Bare Copper

Shielding

Fire Retarded
Al-Polyester Foil

Outer Jacket

Plenum PVC

Insulation

Plenum PVC

Drain Wire

Stranded Tinned Copper

Jacket Color

Grey

PHYSICAL CHARACTERISTICS

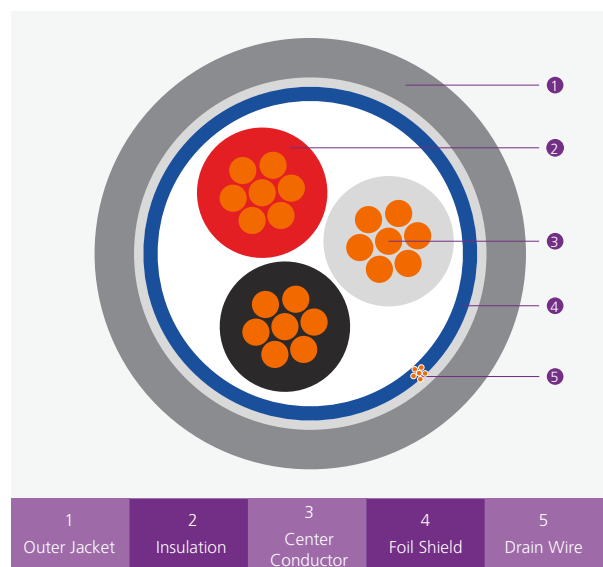
Characteristic	Value
No. of Conductor	3
Conductor Size	24 AWG , 7 x 0.2 mm
Insulation Diameter	1.0 ± 0.05 mm
Insulation Thickness	0.2 mm
Drain Wire Size	7 x 0.2 mm
Jacket Thickness	0.38 mm
Jacket Diameter	3.0 ± 0.3 mm
Max. Recommended Pulling Tension	66.72 N (15 LBS)
Min. Bending Radius	10 X OD
Operating Temperature	-20°C to +75°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Capacitance Cond. to Cond.	pF/m	55 ± 15
Nom. Conductor DCR	Ω/km	82.4
Nom. Capacitance Cond. to Cond. & Shield	pF/m	100 ± 20
Dielectric Strength between Pairs	KV/5min	1.5
Max. Operating Voltage	V	300
Sparker Test	VAC	3000

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	Plenum PVC
Before Tensile Strength (Mpa)	13.8
Aging Elongation (%)	100
After Tensile Strength (Mpa)	11.8
Aging Elongation (%)	50
Cold Bend (-20±°C x 4 hrs)	No Crack



3 Core 24 AWG Shielded Multi Conductor Cable



INSULATION COLOUR CODE

Individual Core	Colour
Core 1	Black
Core 2	Red
Core 3	White

ORDERING INFORMATION

Part Number	Description	Net Weight (Kg/Km)
71-1203243	3 Core 24 AWG Shielded Multi Conductor Cable CMP	20.5