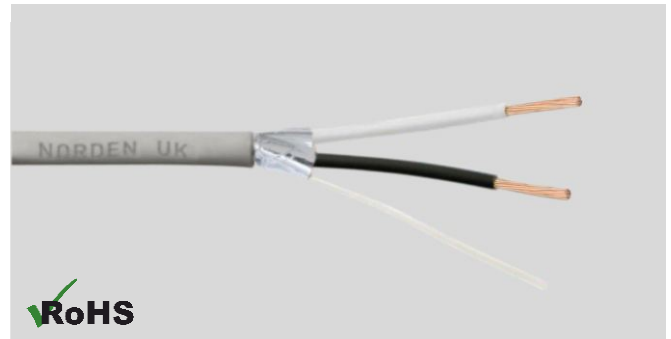


2 Core 1 mm² Shielded Multi Conductor Cable PVC



Norden Shielded Multi Conductor Cable is designed for use in audio, control, and instrumentation applications. The cable is constructed with PVC insulation, a 100% coverage aluminium-mylar (Al-Mylar) tape shield for excellent EMI/RFI protection, and a durable PVC outer jacket. Its robust shielding and flexible construction make it ideal for indoor environments such as building automation, industrial control systems, and low-voltage signal transmission.



CABLE CONSTRUCTION

Conductor
Stranded Bare Copper

Shielding
100% Al-Mylar Tape

Jacket
PVC

Insulation
PVC

Drain Wire
Tinned Copper

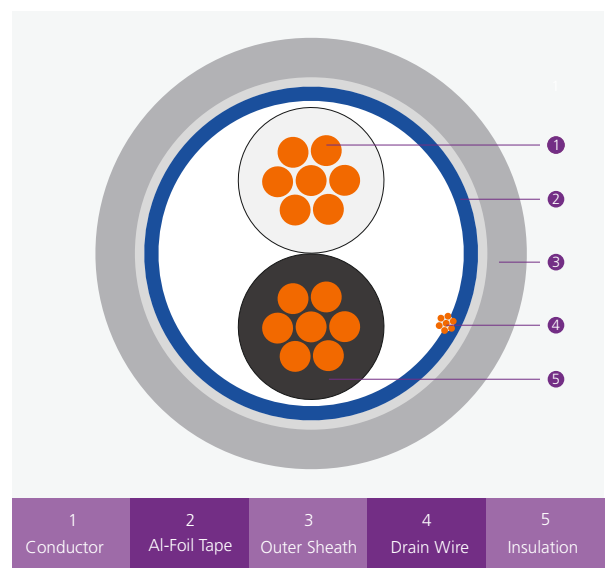
Jacket Color
Grey or As per requirement

PHYSICAL CHARACTERISTICS

Characteristic	Value
No. of Conductor	2
Conductor Size	1 mm ² (50/0.16)
Insulation Thickness	0.6 mm
Insulation Diameter	2.3 mm
Drain Wire Size	7/0.20
Jacket Thickness	0.6 mm
Jacket Diameter	5.8 mm
Max. Recommended Pulling Tension	210 N
Bending Radius	58 mm
Operating Temperature	0°C to +60°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Capacitance Cond. to Cond.	pF/m	175
Nom. Capacitance Cond. to Cond. & Shield	pF/m	305
DCR Conductor	Ω/Km	≤18
DCR Shield	Ω/Km	≤82
Dielectric Strength	MV/m	≥20
Max. Recommended Current	A	10
Max. Operating Voltage	V	300/500



2 Core 1 mm² Shielded Multi Conductor Cable PVC



MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PVC
Before Tensile Strength (Mpa)	≥ 10.8
Aging Elongation (%)	≥ 100
After Tensile Strength	≥ 70%
Aging Elongation (%)	≥ 45
Cold Bend (-20±°C x 4 hrs)	No Crack

INSULATION COLOUR CODE

Individual Core	Colour
Core 1	Black
Core 2	White

ORDERING INFORMATION

Part Number	Description	Net Weight (Kg/Km)
71-1202011	2 Core 1 mm ² Shielded Multi Conductor Cable PVC	45

