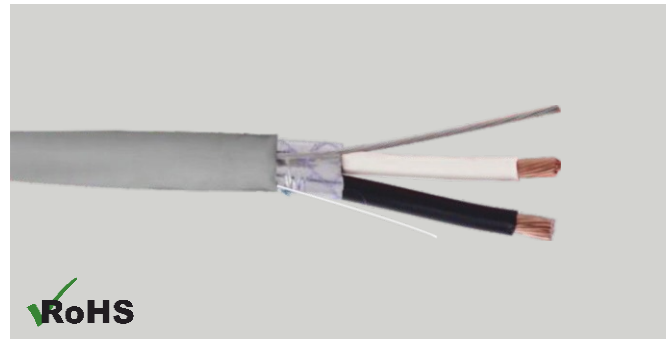


2 Core 16 AWG Shielded Multi Conductor Cable CM

The Shielded Multi-Conductor Cable from NORDEN is suitable for use in commercial audio systems, control, and instrumentation applications. The cable is constructed with PVC-insulated conductors, an overall shield for enhanced protection against electromagnetic interference, a nylon rip cord, and a PVC CM outer jacket.



CABLE CONSTRUCTION

Conductor
Stranded Tinned Copper

Shielding
Al-Polyester Foil

Rip Cord
Yes

Insulation
PVC

Drain Wire
Stranded Tinned Copper

Outer Jacket
PVC CM

PHYSICAL CHARACTERISTICS

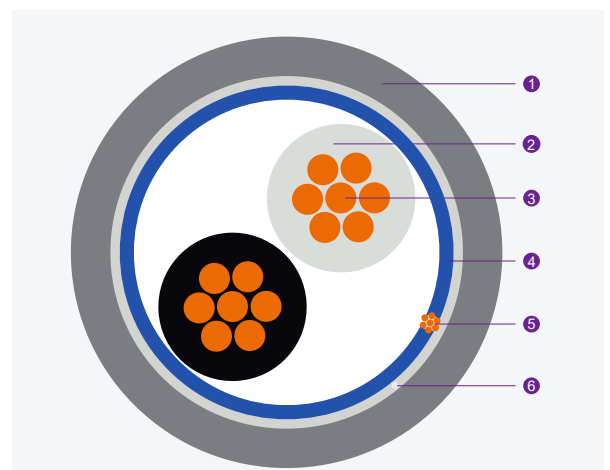
Characteristic	Value
No. of Conductor	2
Conductor Size	16AWG, 19x29
Insulation Diameter	2.67 mm±0.05mm
Insulation Thickness	0.58 mm
Drain Wire Size	7*0.2mm
Jacket Thickness	0.81 mm
Jacket Diameter	7.3±0.3mm
Max. Recommended Pulling Tension	418N
Min. Bending Radius Minor Axis	15 x OD
Operating Temperature	-20°C to +60°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Capacitance Cond. to Cond.	pF/m	110
Nom. Conductor DCR	Ω/km	15
Max. Recommended Current @ 30°C	Amps	18
Max. Operating Voltage UL	V	300
Sparker Test	VAC	3000

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	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



1 Outer Jacket	2 Insulation	3 Center Conductor	4 Foil Shield	5 Drain Wire
6 Rip Cord				

2 Core 16 AWG Shielded Multi Conductor Cable CM

INSULATION COLOUR CODE

Individual Core	Colour
Core 1	Black
Core 2	White

ORDERING INFORMATION

Part Number	Description	Standard Length
71-120216FX	2 Core 16AWG Shielded Multi Conductor Cable PVC CM	305m