

2 Core 16 AWG Unshielded Multi Conductor Cable - 600V

The Unshielded Multi Conductor 600V Cable from NORDEN is suitable to use as TC Power & Control tray cable. The cable is constructed with PVC insulation and Outer Jacket.



CABLE CONSTRUCTION

Conductor
Bare Copper

Shielding
Unshielded

Jacket Color
Black

Insulation
PVC

Outer Jacket
PVC

PHYSICAL CHARACTERISTICS

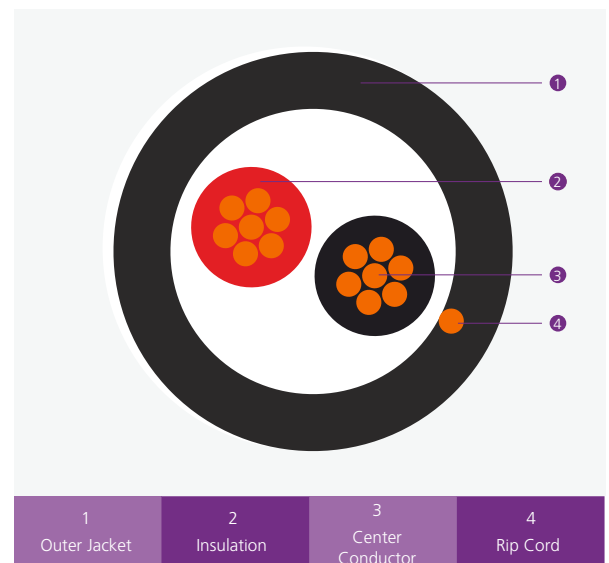
Characteristic	Value
No. of Conductor	2
Conductor Size	16 AWG, 7x24
Nom. Jacket Thickness	1.19 mm
Nom. Outer Cable Diameter	7.5 mm
Max. Recommended Pulling Tension	311 N
Min. Bending Radius Minor Axis	76.2 mm
Operating Temperature	-10°C to +75°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Conductor DC Resistance@20°C	Ω/km	13.7
Max. Recommended Current @ 25°C	Amps	8
Max. Operating Voltage UL	V/min	600

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



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INSULATION COLOUR CODE

Individual Core	Colour
Core 1	Black
Core 2	Red

ORDERING INFORMATION

Product	Description	Net Weight (kg/km)
7C-1102161	2 Core 16 AWG Unshielded Multi Conductor Cable - 600V PVC, 305m	67