

2 Pair 16 AWG Overall foil Shielded Multi Conductor Cable - 600V

POLYNOR

The Shielded Multi Conductor 600V Cable from NORDEN is suitable to use as TC Power & Control tray cable. The cable is constructed overall Aluminium Polyester foil shielding with PVC insulation and Outer Jacket.



CABLE CONSTRUCTION

Conductor
Bare Copper

Shielding
Aluminium polyester foil

Outer Jacket
PVC

Insulation
PVC

Drain Wire
Tinned Copper

Jacket Colour
Black

PHYSICAL CHARACTERISTICS

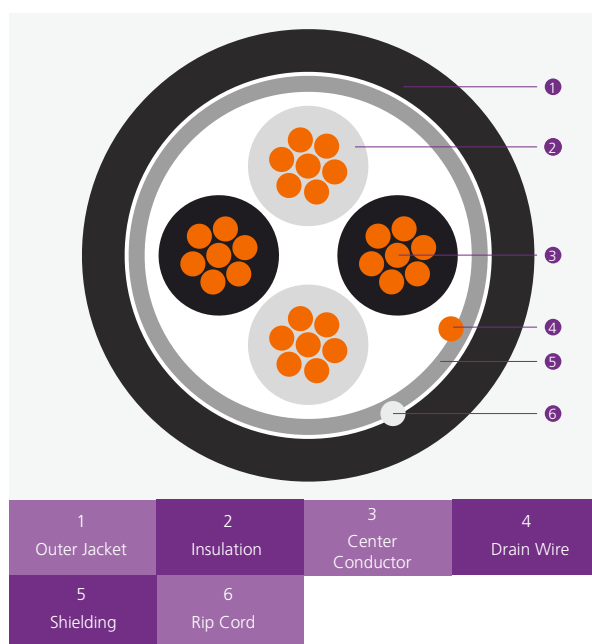
CHARACTERISTIC	VALUE
No. of Pairs	2
Conductor Size	16 AWG, 7 x 24
Insulation Thickness	0.55 mm
Nom. Jacket Thickness	1.2 mm
Nom. Cable Outer Diameter	10.0 mm
Drain wire size	16 AWG, 7x24
Max. Recommended Pulling Tension	796 N
Min. Bending Radius Minor Axis	116.8 mm
Operating Temperature	-10°C to +60°C

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC	UNIT	VALUE
Nom. Conductor DCR @ 20°C	Ω/km	12.04
Nom. Characteristic Impedance	Ω	49
Nom. Mutual Capacitance	pF/m	131.24
Max. Operating Voltage UL	Vrms	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
Pair 1	Black & White, Numbered 1
Pair 2	Black & White, Numbered 2

ORDERING INFORMATION

PRODUCT	DESCRIPTION	NET WEIGHT (Kg/Km)
7D-1202161	2 Pair 16 AWG Overall foil Shielded Multiconductor Cable-600V PVC, 305m	135