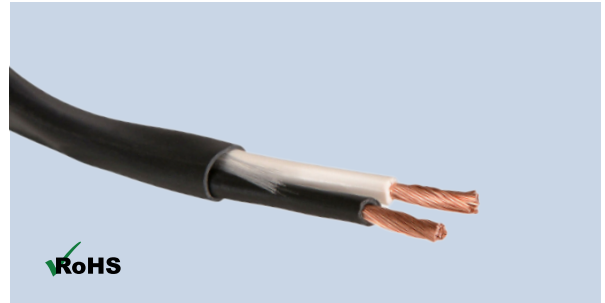


2 CORE 16 AWG POWER PROTECTIVE UNSHIELDED TRAY CABLE



The unshielded power limited fire protective cable from NORDEN is suitable to be used for fire limited fire protective, control and instrumentation purposes. The cable is constructed with XLPE insulation and PVC outer jacket.



CABLE CONSTRUCTION

Conductor Stranded Bare Copper	Outer Jacket PVC	Rip Cord Yes
Insulation XLPE	Jacket Colour Black	
Insulation Colour 2 Core: Black/White	Standard Packing Mode 305 mtr / Plywood Reel	

PHYSICAL CHARACTERISTICS

Characteristic	Value
No. of Conductor	2
Conductor Size	16 AWG ,7*0.49 mm
Insulation Diameter	2.35 ± 0.05 mm
Jacket Thickness	1.35 mm
Jacket Diameter	7.7 ± 0.3 mm
Min. Bending Radius (Install)	10 X D
Operating Temperature	-20°C To +90°C

ELECTRICAL CHARACTERISTICS

Characteristic	Value	Unit
Nom Conductor DCR	Ω/km	14.9
Dielectric Strength between Pairs	KV/min	1.5
Max. Operating Voltage UL	V/min	600V

MECHANICAL CHARACTERISTICS

Test Material	PVC
Before Tensile Strength (Mpa)	≥ 13.8
Aging Elongation (%)	≥ 100
After Tensile Strength (Mpa)	≥ 85
Aging Elongation (%)	≥ 100
Cold Bend [-20±°C x 4 hrs]	No Crack

ORDERING INFORMATION

Part Number	Description
75-X102161	2 Core 16 AWG Power Protective Unshielded Tray Cable PVC