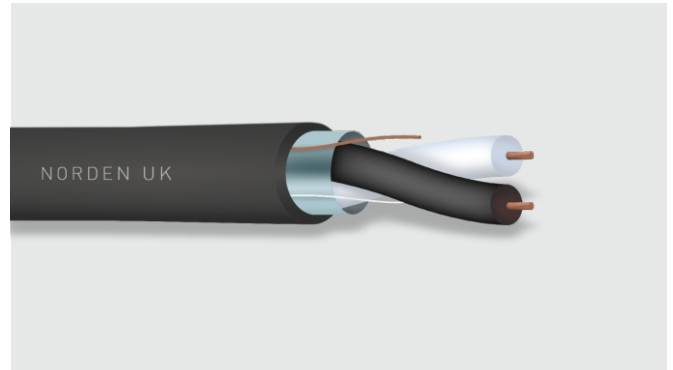


1 Pair 16 AWG Overall Foil Shielded Power Limited Tray Cable



NORDEN shielded Power Limited Tray cable is suitable for industrial environments to use in instrumentation, signaling, and control systems. It is suitable for installation in cable trays, conduits, or ducts and can be used in both exposed and concealed locations. This Cable is constructed with 1 Pair 16 AWG twisted pair with AL/PET overall shielding and XLPE insulation.



CONSTRUCTION & PHYSICAL CHARACTERISTICS

Characteristic	Value
Conductor	Stranded Bare Copper
Conductor Size	7×0.50 ± 0.01 mm
Insulation Material	XLPE
Average Insulation Thickness	0.38 mm
Min Insulation Thickness	0.33 mm
Insulation Diameter	2.30 ± 0.1 mm
Shield Material	AL/PET
Drain Wire Material	Tinned copper
Drain Wire Size	7×0.20 ± 0.01mm
Rip cord	Yes
Outer Jacket	PE, Optional Available
Min Outer Jacket Thickness	1.14 mm
Average Outer Jacket Thickness	1.27 mm
Outer Jacket Diameter	7.3 ± 0.3 mm
Jacket Colour	Black
Operating Temperature Range	-20°C to +90°C

ELECTRICAL & MECHANICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Conductor DC Resistance at 20°	Ω/KM	≤14.3
Maximum Operating Voltage	V	300

INSULATION COLOUR CODE

Pair	Colour
1 Pair	Black & White

ORDERING INFORMATION

Part Number	Description
9C-501010104X	1 Pair 16 AWG Overall Foil Shielded Power Limited Tray Cable PE

