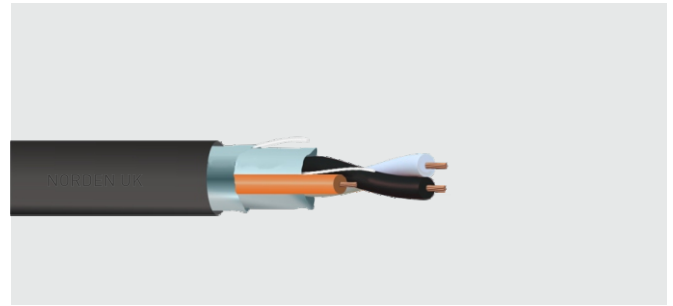


# 1 Pair 18 AWG Individual Shielded & 1 Core 22 AWG overall shielded Multi-Conductor Tray cable



NORDEN shielded Multi-Conductor Tray cable is suitable to use in Digital Control, instruments, industrial raceways cable trays, ducts & DCS Control systems. This Cable is constructed with 1 Pair 18 AWG individual foil shielded twisted pair and 1 core 22 AWG power cable with overall shielding. The outer jacket material used is PVC.



## CONSTRUCTION & PHYSICAL CHARACTERISTICS

Characteristic	Value
Center Conductor Material	Stranded Bare Copper
Conductor Size (paired)	18 AWG (7x 0.4 mm)
Insulation Material (18 AWG)	PVC
Insulation Dia (18 AWG)	2.15 ± 0.05 mm
Individual Shield For Each Pair	100% Al-Polyester Foil
Individual Drain Wire	Stranded Tinned Copper
Individual Drain Wire Size	28 AWG (7*0.32 mm)
Power Conductor Material	Stranded Bare Copper
Conductor Size (1 Core)	22 AWG (7*0.25 mm)
Power Insulation Material	PVC
Power Insulation Diameter	1.75±0.05 mm
Overall Shield	100% Al - Polyester Foil
Overall Drain Wire	Stranded Tint Copper
Overall Drain Wire Size	18 AWG (7*0.4 mm)
Outer Jacket	PVC
Outer Jacket Thickness	1.3 mm
Outer Jacket Dia	12.2±0.3 mm
Jacket Colour	Black

## ELECTRICAL & MECHANICAL CHARACTERISTICS

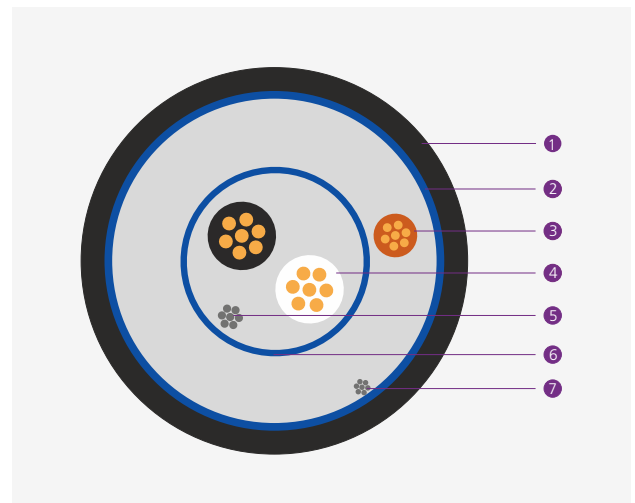
Characteristic	Unit	Value
Max. Current Per Conductor @ 25°C	Amps	3.5
Nom. Capacitance Cond. to Cond. (18 AWG)	pF/m	110 ± 15
Nom. Conductor DC Resistance (22 AWG)	Ω/KM	16.2
Nom. Conductor DC Resistance (18 AWG)	Ω/Km	6.35
Maximum Operating Voltage	V	300
Minimum Bend Radius	mm	10xOD
Nominal Outer Shield DC Resistance @ 20°C	Ohm/1000ft	4.8
Max. Pulling Tension	LBS	250
Operating Temperature	°C	-20 to +75

## INSULATION COLOUR CODE

Conductor	Colour
1 Pair (18 AWG)	Black and White
1 Core (22 AWG)	Orange

## ORDERING INFORMATION

Part Number	Description
9D-111251111X	1 Pair 18 AWG Individual Shielded & 1 Core 22 AWG overall shielded Multi-Conductor Tray cable PVC



1 Outer Jacket	2 Outer Foil Shield	3 Power Conductor	4 Center Conductor	5 Individual Drain Wire
6 Inner Foil Shield	7 Overall Drain Wire			