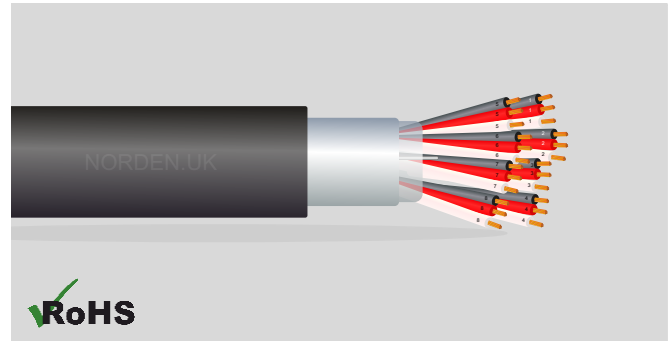


8 Triad 18 AWG Overall Foil Shielded Control Cable

Norden Triad Control Cable is a high-quality, multi-conductor cable designed for control and instrumentation applications. It features eight individually PVC-insulated conductors with an AL/PET overall foil shield for enhanced protection against electromagnetic interference (EMI) and signal degradation, all encased in a durable PVC jacket. This cable is ideal for environments that require reliable signal transmission with minimal interference.



CABLE CONSTRUCTION

Conductor

Bare Copper

Shielding

PET+AL/PET

Drain Wire

Tinned Copper

Jacket Color

Black

Insulation

PVC

Outer Jacket

PVC (Polyvinyl Chloride)

PHYSICAL CHARACTERISTICS

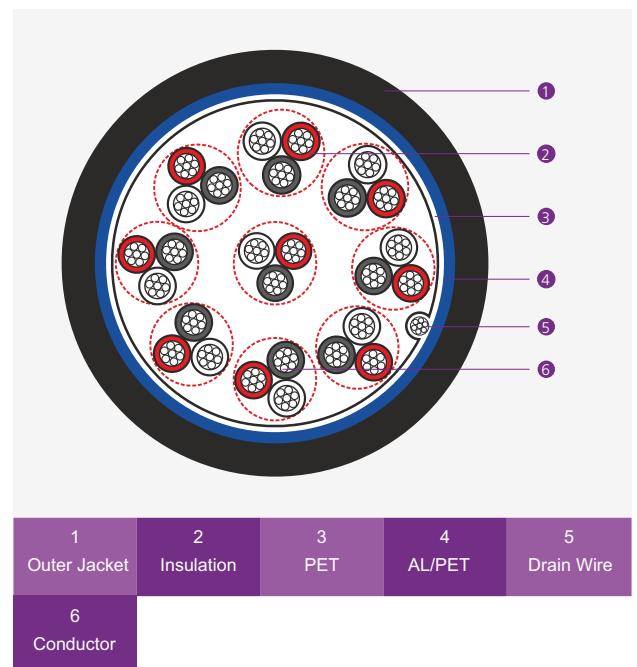
Characteristic	Value
No. of Triad	8
Conductor Size	18 AWG, 16/0.25±0.01mm
Insulation Diameter	1.95±0.1mm
Min. Insulation Thickness	0.30 mm
Drain Wire Size	7/0.254±0.01mm
Min. Jacket Thickness	0.89mm
Jacket Diameter	17.0±1.0mm
Min. Bending Radius Install	15 x OD
Operating Temperature	-15°C to +70°C
No. of Twist per Mtr	13 Nos

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Capacitance Cond. to Cond.	pf/m	87
Nom. Conductor DCR 20°C	Ω/km	≤22.5
Rated Voltage	V/min	300V

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PVC
Before Tensile Strength (Mpa)	12.5
Aging Elongation (%)	150
After Tensile Strength (Mpa)	10
Aging Elongation (%)	120
Cold Bend (-20±°C x 4 hrs)	No Crack



8 Triad 18 AWG Overall Foil Shielded Control Cable

INSULATION COLOUR CODE

Individual Pair	Colour
Triad 1	Black-1, White-1, Red-1
Triad 2	Black-2, White-2, Red-2
Triad 3	Black-3, White-3, Red-3
Triad 4	Black-4, White-4, Red-4
Triad 5	Black-5, White-5, Red-5
Triad 6	Black-6, White-6, Red-6
Triad 7	Black-7, White-7, Red-7
Triad 8	Black-8, White-8, Red-8

ORDERING INFORMATION

Part Number	Description
7T-1208181	8 Triad 18 AWG Overall Foil Shielded Control Cable PVC,305m