

# 1 Pair 14 AWG Overall Foil Shielded Paired Cable - 600V

POLYNOR

The Shielded Paired 600V Cable from NORDEN is suitable to use as TC Power & Control tray cable. The cable is constructed with overall shielding with Aluminium Polyester foil, also the cable has PVC insulation and PVC/LSZH Outer Jacket.



## CABLE CONSTRUCTION

### Conductor

Stranded Tinned Copper

### Overall Shielding

Aluminium polyester foil

### Outer Jacket

PVC/LSZH

### Insulation

PVC

### Drain Wire

Tinned Copper

### Jacket Colour

Black/Grey

## PHYSICAL CHARACTERISTICS

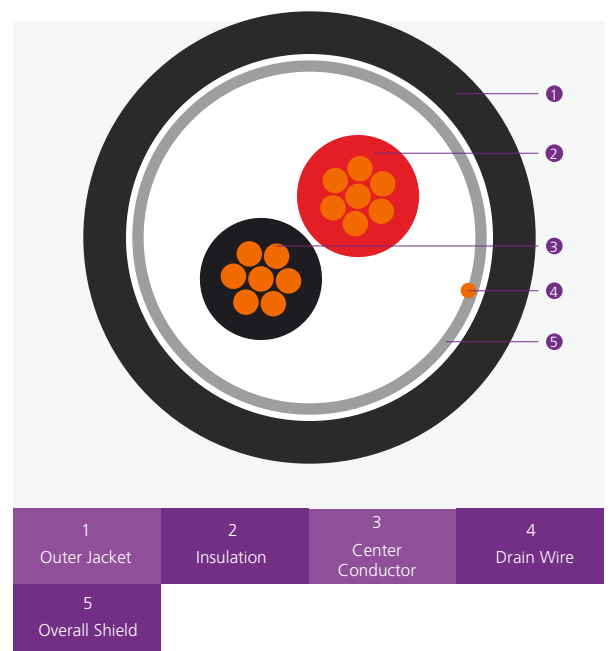
Characteristic	Value
No. of Pairs	1
Conductor Size	14 AWG, 19 x 0.36 mm
Insulation Diameter	2.7±0.05 mm
Nom. Jacket Thickness	0.65 mm
Nom. Cable Outer Diameter	9.0±0.3 mm
Drain Wire	Stranded Tinned Copper
Drain wire size	7 x 0.2 mm
Max. Recommended Pulling Tension	419 N
Min. Bending Radius (Install)	15XOD
Operating Temperature	-20°C To +60°C

## ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Conductor DCR @ 20°C	Ω/km	8.5
Sparker Test	VAC	3000
Max. Operating Voltage UL	Vrms	600

## MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PVC/LSZH
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



1

Outer Jacket

2

Insulation

3

Center Conductor

4

Drain Wire

5

Overall Shield

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## INSULATION COLOUR CODE

Individual Core	Colour
Core 1	Black
Core 2	Red

## ORDERING INFORMATION

Product	Description	Net Weight (kg/km)
7D-1201141	1P x 14 AWG Overall Foil Shielded Paired Cable-600V PVC,305 M	148.0
7D-1201142	1P x 14 AWG Overall Foil Shielded Paired Cable-600V LSZH,305 M	150.0