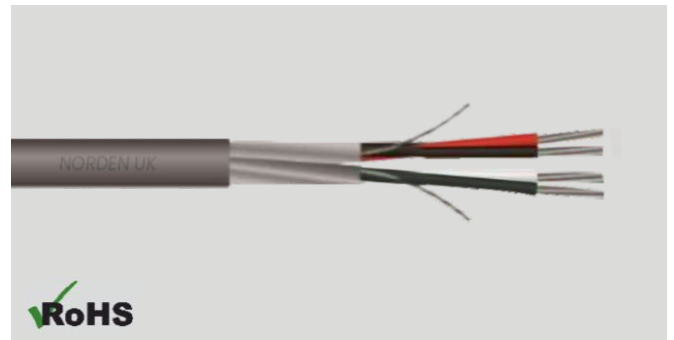


# 2 PAIR 18 AWG INDIVIDUAL FOIL SHIELDED TWISTED PAIRED CABLE



The Shielded Twisted Pair Multi-conductor Cable from NORDEN is suitable to use within Audio, Control, and instrumentation purpose. The cable is Constructed with PE insulation, 100% Aluminium Foil-Polyester tape w/Shorting fold shielded, and PVC/LSZH Outer jacket.



## COMPLIANCE

LSZH Standards

- IEC 60332-1 / 2 (Flame Test)
- IEC 60754-1 & 2 (Emission of Halogen )
- IEC 60754-2 (Corrosivity )
- IEC 61034-1 (Emission of Smoke )

## CABLE CONSTRUCTION

### Conductor

Stranded Tinned Copper

### Shielding

Al-Polyester Foil

### Outer Jacket

PVC/LSZH

### Insulation

PE (High Density Polyethylene)

### Drain Wire

Stranded Tinned Copper  
(Individual for Each Pair)

### Jacket Color

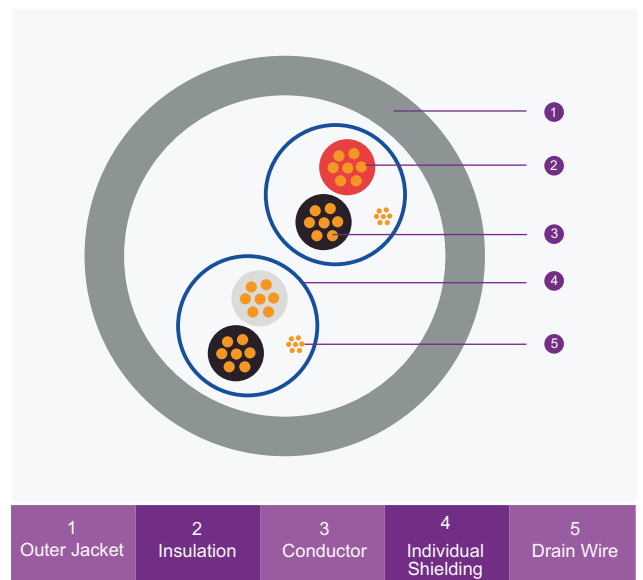
Grey

## PHYSICAL CHARACTERISTICS

Characteristics	Value
No. of Pair	2
Conductor Size	18 AWG 7x0.4
Insulation Diameter	1.8±0.05mm
Drain Wire Size	24 AWG 7x0.2
Jacket Thickness	0.7mm
Jacket Diameter	6.6±0.3mm
Max. Recommended Pulling Tension	423 N
Min. Bending Radius Minor Axis	10xOD mm
Operating Temperature	-20°C to +60°C

## ELECTRICAL CHARACTERISTICS

Characteristics	Unit	Value
Nom. Conductor DCR	Ω/km	20.8
Max. Recommended Current @ 25°C	Amps	5.2
Insulation Resistance	kΩ.km	≥5000
Sparker Test	VAC	3000
Max. Operating Voltage	Vrms	300



# 2 PAIR 18 AWG INDIVIDUAL FOIL SHIELDED TWISTED PAIRED CABLE



## MECHANICAL CHARACTERISTICS

Characteristics	Value
Test Material	PVC/LSZH
Before Tensile Strength (Mpa)	$\geq 13.8$
Aging Elongation (%)	$\geq 100$
After Tensile Strength (Mpa)	$\geq 10.35$
Aging Elongation (%)	$\geq 75$
Cold Bend $(-20\pm^{\circ}\text{C} \times 4 \text{ hrs})$	No Crack

## INSULATION COLOUR CODE

Individual Pair	Colour
Pair 1	Black/Red
Pair 2	Black/White

## ORDERING INFORMATION

Part Number	Description
72-3302181	2 Pair 18 AWG Individual Foil Shielded Twisted Paired Cable PVC 305M
72-3302182	2 Pair 18 AWG Individual Foil Shielded Twisted Paired Cable LSZH 305M