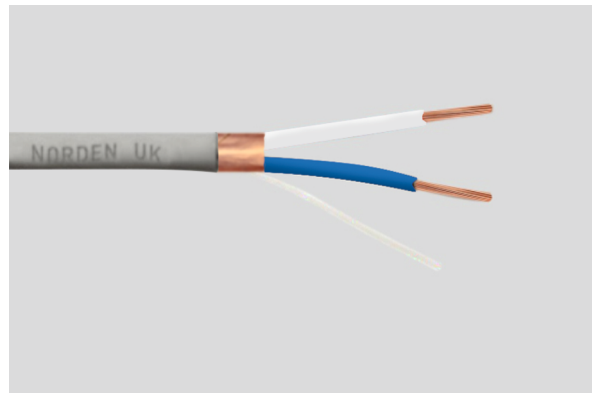


# 18 AWG Overall Copper Tape Shielded Paired Cable CMR-PVC



18 AWG overall copper tape shielded paired cable from NORDEN is suitable to use within Audio, Control and Instrumentation purpose. The cable is constructed with PVC Insulation, Copper tape shielded and CMR PVC (Flame Retardant) outer jacket.



\*Product picture only for reference.

## CABLE CONSTRUCTION

### Conductor

Stranded Bare Copper

### Shielding

Copper Tape

### Drain Wire

Tinned Copper

### Jacket Color

Grey

### Insulation

PVC

### Foil Coverage

100% coverage

### Outer Jacket

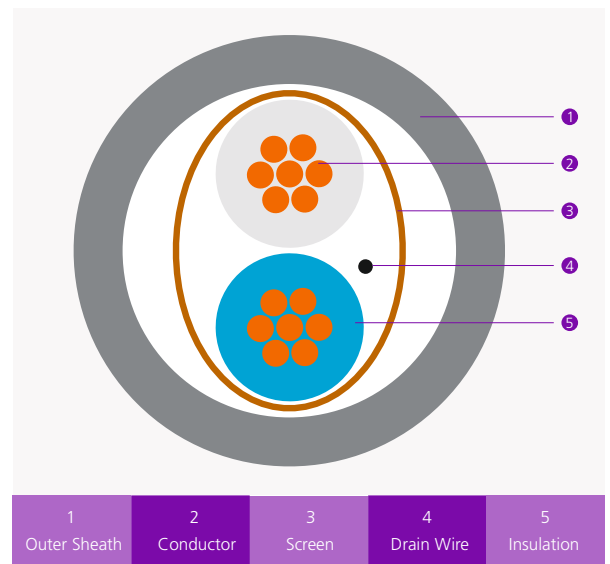
CMR PVC (Flame Retardant)

## PHYSICAL & ELECTRICAL CHARACTERISTICS

Characteristic	Value
Conductor Size	18AWG, 16 X 0.25mm
Drain Wire Size	7 X 0.25mm
Min. Bending Radius	10XOD
Operating Temperature	-20°C To +75°C
Installation temperature range	-5°C To +50°C
Nom. Conductor DCR @ 20°C	24.0 Ω/Km
Insulation resistance	≥ 50 MΩ.Km
Max. Operating Voltage	300V/500V
Testing Voltage	2000 VAC

## MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	CMR PVC
Before Tensile Strength (Mpa)	≥ 13.8 Mpa
Aging Elongation (%)	≥ 100%
After Tensile Strength (Mpa)	≥ 85% of unaged
Aging Elongation (% of)	≥ 85% of unaged
Cold Bend (-20±°C x 4 hrs)	No Crack



\*Picture only for reference.

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## INSULATION COLOUR CODE

Individual Pair	Colour
Pair 1	White/Blue
Pair 2	White/Orange
Pair 3	White/Green
Pair 4	White/Brown
Pair 5	White/Gray
Pair 6	Red/Blue
Pair 7	Red/Orange
Pair 8	Red/Green
Pair 9	Red/Brown
Pair 10	Red/Gray
Pair 11	Black/Blue
Pair 12	Black/Orange
Pair 13	Black/Green
Pair 14	Black/Brown
Pair 15	Black/Gray

## ORDERING INFORMATION

Part Number	No. of Pairs	Insulation Thickness	Insulation Diameter	Jacket Diameter	Jacket Thickness	Pulling Tension
72-1Z1801C	1	0.48	2.2	5.8	0.6	100N
72-1Z1805C	5	0.48	2.2	13.6	1.0	500N
72-1Z1810C	10	0.48	2.2	18.6	1.2	1KN
72-1Z1815C	15	0.48	2.2	23.0	1.5	1.5KN