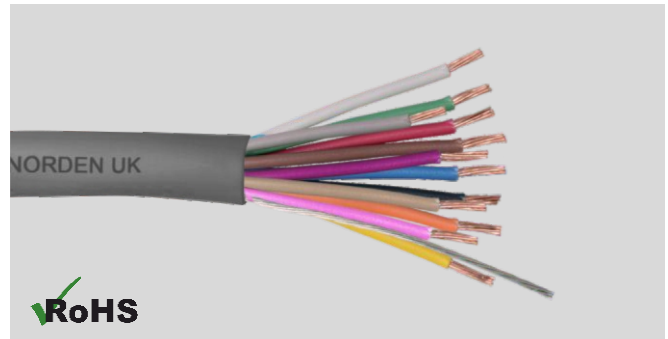


# 12 Core 18 AWG Unshielded Multi Conductor Cable



The Unshielded Multi Conductor Cable from NORDEN is suitable to use within Commercial Audio Systems, Control and Instrumentation purposes. The cable is constructed with PE insulation and PVC Outer Jacket.



## CABLE CONSTRUCTION

### Conductor

Stranded Bare Copper

### Rip cord

YES

### Color

Grey

### Insulation

PE

### Outer Jacket

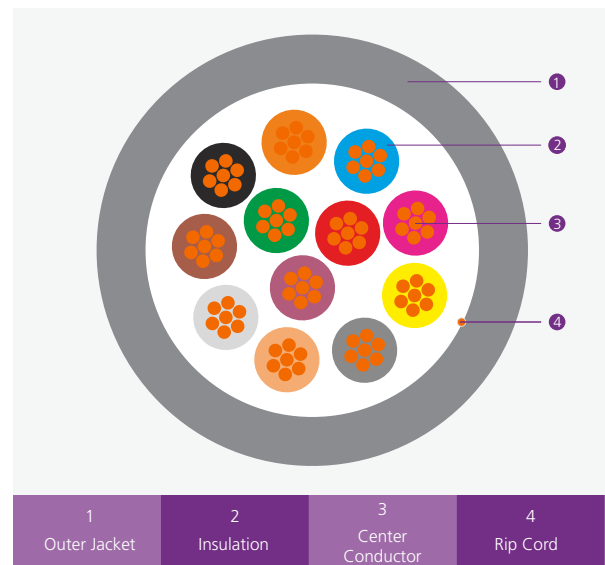
PVC

## PHYSICAL CHARACTERISTICS

Characteristic	Value
No. of Conductor	12
Conductor Size	7 x 0.4 mm
Insulation Diameter	1.8 ± 0.05mm
Jacket Thickness	0.95mm
Nom. Outer Jacket Diameter	9.2 ± 0.3mm
Max. Recommended Pulling Tension	400N
Min. Bending Radius	10XOD
Operating Temperature	-20°C To +60°C

## ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Conductor DCR	Ω/km	20.6
Nom. Capacitance Cond. to Cond.	pF/m	85 ± 20
Nom. Characteristic Impedance	Ω	45 ± 15
Max. Recommended Current @ 25°C	A	5.2
Max. Operating Voltage	V	600
Sparker Test	VAC	3000



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## MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PVC
Before Tensile Strength (Mpa)	16
Aging Elongation (%)	200
After Tensile Strength (Mpa)	≥75
Aging Elongation (%)	75
Cold Bend (-20°C x 4 hrs)	No Crack

## INSULATION COLOUR CODE

Individual Core	Colour
Core 1	Black
Core 2	White
Core 3	Red
Core 4	Green
Core 5	Brown
Core 6	Blue
Core 7	Orange
Core 8	Yellow
Core 9	Purple
Core 10	Gray
Core 11	Pink
Core 12	Tan

## ORDERING INFORMATION

Part Number	Description
71-3112181	12 Core 18 AWG Unshielded Multi conductor Cable PVC