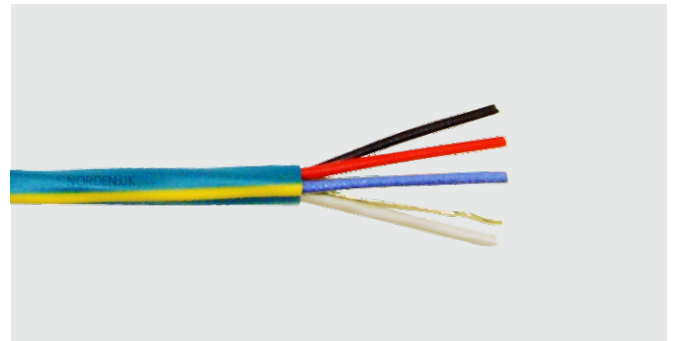


# 1 Pair 22 AWG Shielded & 2 Core 18 AWG Unshielded Multiconductor Cable CM PVC

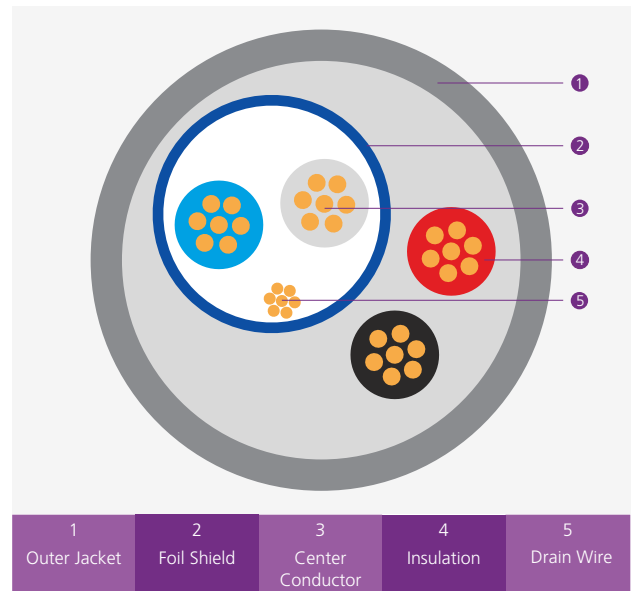


NORDEN Multi-conductor control cable is suitable to use lighting controllers, shade motors, sensors, and other devices. The cable is constructed with 1 pair 22 AWG shielded twisted pair for control data and 2 Core 18 AWG Unshielded Unpaired conductors for 24 VDC and Ground. The outer jacket material used is CM PVC.



## CONSTRUCTION & PHYSICAL CHARACTERISTICS

Characteristic	Value
Conductor Material	Stranded Bare Copper
Conductor Size (paired)	22 AWG, (7x0.25 mm)
Insulation Material (22 AWG)	Form PE
Insulation Dia (22 AWG)	1.65±0.05 mm
Conductor Size (2 core)	18 AWG (7x0.4 mm)
Insulation Material (18 AWG)	PVC
Insulation Dia (18 AWG)	18 AWG (7x0.4 mm)
Inner Shield Material (22 AWG)	Aluminum/Polyester (100% coverage)
Drain Wire	Stranded Tinned Copper
Drain Wire Size	24 AWG (7x0.2 mm)
Outer Jacket	PVC
Outer Jacket Thickness	0.8 mm
Outer Jacket Dia	6.4±0.3 mm
Jacket Colour	Teal w/yellow stripe, orange w/black stripe, black w/yellow stripe, or white w/gray stripe



## ELECTRICAL & MECHANICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Characteristic Impedance (22 AWG)	Ω	100
Nom. Capacitance Cond. to Cond. (22 AWG)	pF/m	42.0
Nom. Conductor DC Resistance (22 AWG)	Ω/KM	58
Nom. Conductor DC Resistance (18 AWG)	Ω/Km	21
Maximum Operating Voltage	Vrms	300
Minimum Bend Radius	mm	10xOD
Sparker Test	VAC	3000
Operating Temperature	°C	-20 to +60

## INSULATION COLOUR CODE

Conductor	Colour
1 Pair (22 AWG)	Blue and White
2 Core (18 AWG)	Red and Black

## ORDERING INFORMATION

Part Number	Description
9A-312110126X	1 Pair 22 AWG Shielded & 2 Core 18 AWG Unshielded Multi-Conductor cable CM PVC