

# 8 Core 24 AWG Shielded Multi Conductor Cable

## EIA RS - 232 CMG rated PVC



This Shielded Multi-Conductor Cable from NORDEN is suitable to use as Computer Cable for EIA-2332 application. The cable is constructed with PVC Insulation, 100% Aluminium Foil-Polyester tape Shielded and CMG-rated PVC Outer jacket



### CABLE CONSTRUCTION

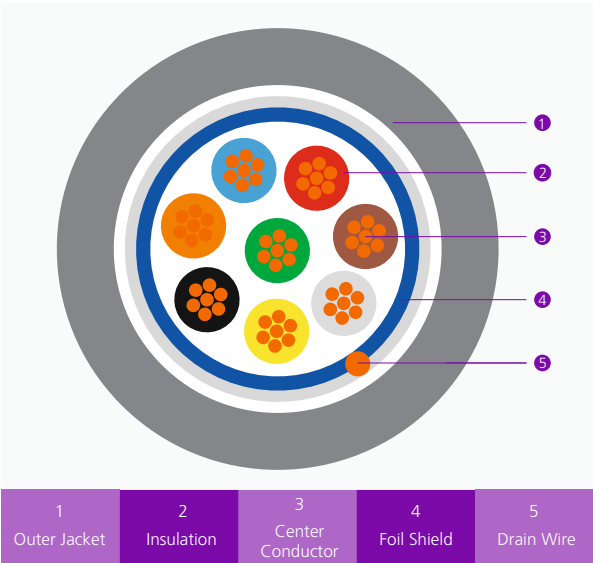
<b>Conductor</b> Stranded Tinned Copper	<b>Shielding</b> Aluminium Foil - Polyester Tape	<b>Drain Wire</b> Tinned Copper	<b>Jacket Colour</b> Grey
<b>Insulation</b> SR-PVC (Semi-Rigid Polyvinyl Chloride)	<b>Foil Coverage</b> 100%	<b>Outer Jacket</b> PVC (Polyvinyl Chloride)	

### PHYSICAL CHARACTERISTICS

Characteristic	Value
Conductor Size	24 AWG ( 7 X 32 )
Nom. Insulation Diameter	1.1 mm
Nom. Insulation Thickness	0.28 mm
Drain Wire Size	24 AWG (7x32)
Nom. Outer Jacket Thickness	0.81 mm
Shielding	100 % Coverage
Nom. Outer Jacket Diameter	5.69 mm
Max. Pull Tension	50 lbs (23 kg)
Min. Bend Radius	69 mm
Min. Installation Bend Radius	69 mm
Nom. Overall Cable Diameter	5.69 mm
Operating Temperature	-30°C to +80°C

### ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Conductor DCR	Ω/km	82
Nom. Capacitance Cond-to-Cond	pF/m	110
Nom. Capacitance Cond-to-Other (Cond + Shield)	pF/m	210
Max. Current (per Conductor at 25°C)	Amps	1.5
Max. Operating Voltage UL	V rms	300



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## MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PVC
Before Tensile Strength (Mpa)	≥ 13.8
Aging Elongation (%)	≥ 100
After Tensile Strength (Mpa)	≥ 85
Aging Elongation (%)	≥ 50
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

## ORDERING INFORMATION

Part Number	Description
76-120824D	8 Core 24 AWG Multi-conductor Cable-EIA RS-232 CMG rated PVC