



X 75 Ohm

X Solid Core Conductor

X Cut to Length Service

Features

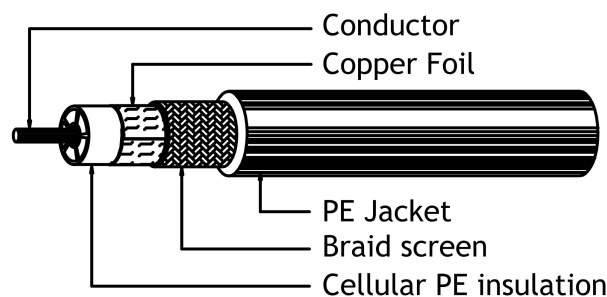
- 75 Ohm
- Solid Core Conductor
- Cut to Length Service
- RoHS Compliant

Product Overview

High quality 75 Ohm TV Relay Coaxial Cable with cellular dielectric suitable for TV Distribution and CCTV installations

Construction

	MF100	MF125	MF167	MF100UG	MF125UG
Conductor	1.00mm (±0.02) Solid bare copper	1.25mm (±0.02) Solid bare copper	1.67mm (±0.03) Solid bare copper	1.00mm (±0.018) Solid bare copper	1.25mm (±0.03) Solid bare copper
Insulation	4.70mm (±0.25) Foam PE	5.60mm (±0.20) Cell PE	7.28mm (±0.30) Cell PE	4.60mm (±0.20) Cell PE	5.60mm (±0.20) Cell PE
Screen	0.12mm (±0.008) x 96 (±2) Mylar foil + CCA braid screen	0.12mm (±0.008) x 64 (±2) Copper foil + Bare copper braid screen	0.15mm (±0.008) x 80 (±2) Copper foil + Bare copper braid screen	0.12mm (±0.008) x 64 (±2) Copper foil + Bare copper braid screen	0.15mm (±0.008) x 64 (±2) Copper foil + Bare copper braid screen
Sheath	-	-	-	-	8.20mm (±0.30) Solid PE
Jacket	6.55mm (±0.30) PVC	7.80mm (±0.30) PE	11.50mm (±0.50) PE	6.80mm (±0.30) PE	9.50mm (±0.30) Viridescence PE



Characteristics

Item	MF100	MF125	MF167	MF100UG	MF125UG	
Conductor DC Resistance (20°C)	< 2.63 Ω/100m	< 1.69 Ω/100m	< 0.94 Ω/100m	< 2.63 Ω/100m	< 1.69 Ω/100m	
Braid coverage	53±2 %	42±2 %	52±2 %	53±2 %	50±2 %	
Capacitance	53±5 pF/m	55±5 pF/m	55±8 pF/m	53±5 pF/m	55±5 pF/m	
Characteristic Impedance	75±5Ω	75±8Ω	75±5Ω	75±5Ω	75±5Ω	
Attenuation (20°C)	Frequency					
				-dB/100m (±15%)		
	100 MHz	6.20	5.20	4.50	6.20	5.20
	200 MHz	9.30	8.00	6.50	9.30	8.00
	500 MHz	15.5	13.8	11.2	15.5	13.8
	800 MHz	20.5	17.2	14.3	20.5	17.2
1000 MHz	23.8	20.8	16.0	23.8	20.8	

RoHS (with reference to RoHS Directive 2002/95/EC) PASS

Part Number Information

Part No.	Description
MF100	Satellite Coaxial Cable, 1.00mm Conductor, Black, 500m Reel
MF125	Satellite Coaxial Cable, 1.25mm Conductor, Black, 500m Reel
MF167	Satellite Coaxial Cable, 1.67mm Conductor, Black, 500m Reel
MF100UG	Satellite Coaxial Cable, Direct Burial, 1.00mm Conductor, Green, per metre
MF125UG	Satellite Coaxial Cable, Direct Burial, 1.25mm Conductor, Green, per metre

Contact your distributor for available reel sizes and cut to length service.

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