

50 Ohm Coaxial Cables



Features:

- Solid polyethylene insulated 7 / 34 AWG copper covered steel conductors
- Braid screened
- Black PVC sheathed overall to MIL-C17
- Use with SMB, SMC and MCX connectors

Specifications:

Nominal Outside Diameter	: 2.8 mm
Capacitance	: 101 pF / m
Maximum Voltage (core to screen)	: 6 kV dc
(screen to sheath outer)	: 2.8 kV dc
Maximum RF Working Voltage	: 2.1 kV peak
Nominal Attenuation (100 m)	: 6.23 dB at 400 MHz

Specification Table

Conductor Type*	CCS
Conductor Number / Dimensions	7 / 0.16
Insulation	Polyethylene
Insulation Diameter	1.52
Screen Braid**	TC
Screen Diameter	1.95
Sheath	PVC
Sheath Diameter	2.8
Weight (Kg / 1,000 m)	13
Capacitance (pF / m)	100
Impedance (Ω)	50
Attenuation dB per 100 m at	
400 MHz	57.5
Velocity Ratio	0.666

Dimensions : Millimetres (Unless Specified)

Key

*CCS - Copper Covered Steel

**TC - Tinned Copper

Part Number Table

Colour	Reel Length (m)	Part Number
Black	50	RG174/AU 50M
	100	RG174/AU 100M
	500	RG174/AU 500M

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