

CODE 0701005

## M-17/84 RG 223

RADIO-FREQUENCY COAXIAL CABLE - 50 OHM - MIL - C - 17

### Description:

Radio-frequency coaxial cable with solid silvered copper conductor, solid polyolefin dielectric and double silvered copper braid outer conductor. Black, flame retardant, non-contaminating thermoplastic material (type IIa) jacket.

Conductor material	Conductor size [mm]	Conductor type	Insulation type	Insulation diameter [mm]
Silvered copper	1x0,90	Solid	Polyethylene	2.95
Shield I°	Shield coverage I°	Shield II°	Shield coverage II°	Jacket material
Silvered copper braid	> 95%	Silvered copper braid	> 95%	F.R. PVC
Jacket colour	Outer dimension [mm]	Weight [kg/km]	Min. bend radius [mm]	Temperature rating [°C]
Black	5,38 +/- 0,10	55	60	-10 / +80
Inner conductor resistance [Ohm/km]	Shield resistance [Ohm/km]	Nom capacitance [pF/m]	Characteristic impedance [Ohm]	Nom velocity of propagation [%]
27,6	6,6	100	50 +/- 2	66

### Reference stds:

MIL-C-17

### Applications:

Radio-frequency

[MHz]	Attenuations [dB/100m]
50	9.4
100	13.5
200	19.6
400	28.6
800	42
1000	47.6
3000	//