

MIL-C-17 Coaxial (RG type)



RG5/U	
Construction Data	
Conductor : Type No of wires x Wire Diameter (mm)	Plain Copper 1x1.3
Insulation : Type	Solid PE
Diameter Over Insulation (mm)	4.7
Shield	Double layers of Braid of Plain Copper Wires
Jacket (Type)	PVC
Overall Diameter (mm)	8.5
Total Weight (kg/kM)	115
Electrical Data	
(Characteristic) Impedance Z(Ohm)	50 +/- 2
Capacitance (pF/m)	93.5
Velocity of propagation (% of C)	67
Attenuation (db/100 m , @ 10MHz)	2.7
Attenuation (db/100 m , @ 100MHz)	8.5



RG6/U	
Construction Data	
Conductor : Type No of wires x Wire Diameter (mm)	Plain Copper 1x1.0
Insulation : Type	Foam PE
Diameter Over Insulation (mm)	4.5
Shield	Aluminium Foil + Braid of Tinned Copper Wires
Jacket (Type)	PVC
Overall Diameter (mm)	6.8
Total Weight (kg/kM)	50
Electrical Data	
(Characteristic) Impedance Z(Ohm)	75 +/- 3
Capacitance (pF/m)	54
Velocity of propagation (% of C)	78
Attenuation (db/100 m , @ 10MHz)	2.3
Attenuation (db/100 m , @ 100MHz)	8.2

Above coaxial cable is designed to transfer sensitive signals in cable tray suitable for TV (enhanced version of 4.5C-2V).