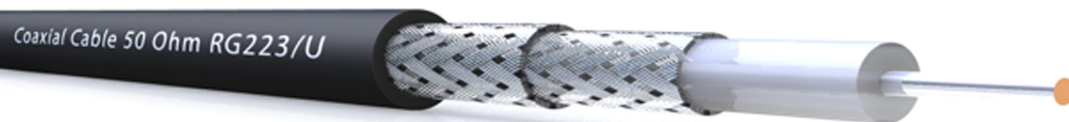


# RG223/U 50 Ω MIL-C-17F 98 % Braid PVC



Cable Construction		Electrical Characteristics		
Inner Conductor	Silvered copper, 0.90 ± 0.025mm	Inner conductor resistance	28 Ohm/km	
Dielectric	Solid Polyethylene, Ø 2.95 ± 0.10mm	Outer conductor resistance	8 Ohm/km	
Braid 1°	Silvered copper braid, SC 112x0.13mm, 98% coverage	Impedance	50 ± 2 Ohm	
Braid 2°	Silvered copper braid, SC 112x0.13mm, 97% coverage	Capacitance	100 pF/m	
Outer Jacket	PVC, Black, Ø 5.40 ± 0.10mm	Velocity ratio	66 %	
Mechanical and Thermal Characteristics		Screening effectiveness	100 - 900 MHz	> 70 dB
Temperature range	-30°C up to +70°C		50 MHz	9 dB/100m
Weight (approx.)	59.9 kg/km		100 MHz	13 dB/100m
			200 MHz	19.3 dB/100m
			400 MHz	28.1 dB/100m
		Attenuation	500 MHz	31.9 dB/100m
			600 MHz	35.3 dB/100m
			860 MHz	43.8 dB/100m
			1000 MHz	48.5 dB/100m
			30 - 300 MHz	> 32 dB
		Structural return loss	300 - 600 MHz	> 28 dB
			600 - 900 MHz	> 23 dB