

# Commercial RG Cable

## Cable Type 23

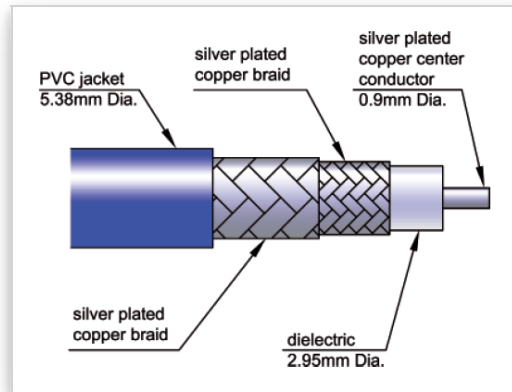
DC - 12.40 GHz

Specifications		
Cable Code	Standard	23
	Armored	None
Frequency Range	DC - 12.40 GHz	
Outer Diameter [mm]	5.38	
Impedance [Ohms] (@ sea level and +25°C)	50 ± 2	
Velocity of Propagation [% , ± 2%]	65.90	
Capacitance [pF/m]	106.00	
Dielectric Strength (60 Hz) [KV rms]	5.00	
Max. Operating Voltage (60 Hz, @ sea level) [KV rms]	1.90	
Nominal Insertion Loss vs. Frequency [dB/m]	0.50 GHz	0.49
	2.00 GHz	1.08
	4.00 GHz	1.64
	8.00 GHz	2.29
	10.00 GHz	2.62
Nominal CW Power vs. Frequency (@ sea level and +20°C) [Watts]	0.50 GHz	75.00
	2.00 GHz	33.00
	4.00 GHz	22.00
	8.00 GHz	15.00
	10.00 GHz	12.00
RF Leakage @ 9.5 GHz	-90 dBc @ 12.4 GHz dBc	
Operating Temperature Range	-40 to +85	
Center Conductor	Material	silver-plated copper
	Diameter [mm]	0.90
Dielectric	Material	PE
	Diameter [mm]	2.95
	Dielectric Constant	2.3
Outer Conductor Construction	2x silver-plated copper braid	
Outer Jacket	PVC	
Weight [grams/m]	61.00	
Connector Retention Force [N]	-	
Minimum Bend Radius, Inside, Static [mm]	30.00	
Minimum Bend Radius, Inside, Dynamic [mm]	80.00	

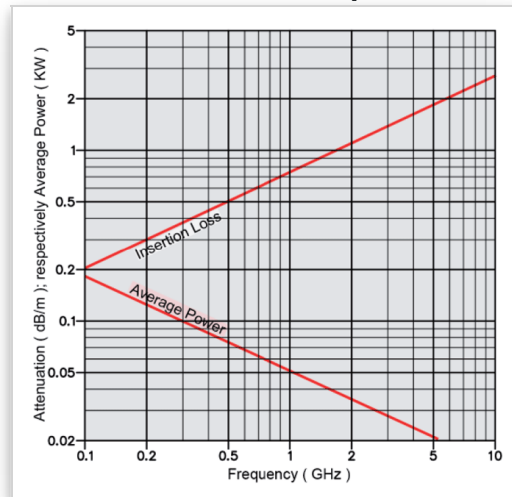
### Characteristics:

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### Cross Section View:



### Attenuation & Power Graph:



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Specifications are subject to change without notice.