

Commercial RG Cable

Cable Type 31

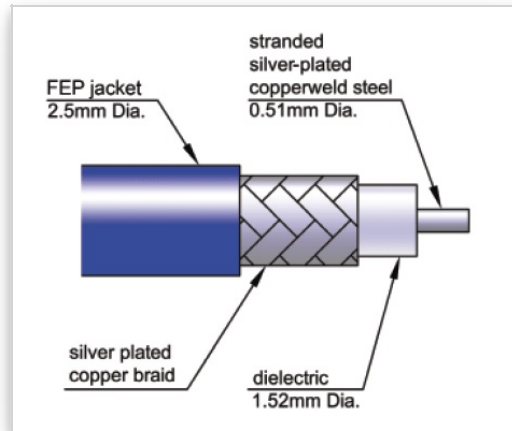
DC - 3.00 GHz

Specifications		
Cable Code	Standard	31
	Armored	None
Frequency Range	DC - 3.00 GHz	
Outer Diameter [mm]	2.50	
Impedance [Ohms] (@ sea level and +25°C)	50 ± 2	
Velocity of Propagation [% , ± 2%]	69.50	
Capacitance [pF/m]	105.00	
Dielectric Strength (60 Hz) [KV rms]	2.00	
Max. Operating Voltage (60 Hz, @ sea level) [KV rms]	0.90	
Nominal Insertion Loss vs. Frequency [dB/m]	0.50 GHz	0.70
	1.00 GHz	1.10
	2.00 GHz	1.57
	3.00 GHz	1.85
Nominal CW Power vs. Frequency (@ sea level and +20°C) [Watts]	0.50 GHz	170.00
	1.00 GHz	130.00
	2.00 GHz	91.00
	3.00 GHz	75.00
RF Leakage @ 9.5 GHz	-80 dBc @ 3.0 GHz dbC	
Operating Temperature Range	-55 to +200	
Center Conductor	Material	Stranded silver-plated copperweld steel
	Diameter [mm]	0.51
Dielectric	Material	PTFE
	Diameter [mm]	1.52
	Dielectric Constant	2.0
Outer Conductor Construction	1x silver-plated copper braid	
Outer Jacket	FEP	
Weight [grams/m]	18.00	
Connector Retention Force [N]	-	
Minimum Bend Radius, Inside, Static [mm]	24.00	
Minimum Bend Radius, Inside, Dynamic [mm]	60.00	

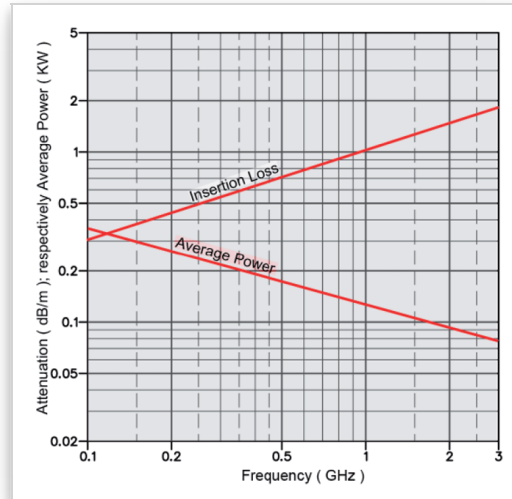
Characteristics:

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Cross Section View:



Attenuation & Power Graph:



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Specifications are subject to change without notice.