

High Performance Flexible Cable

Cable Type 750

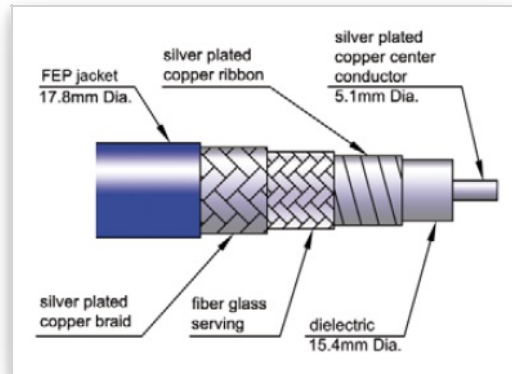
DC - 7.50 GHz

Specifications		
Cable Code	Standard	750
	Armored	750x
Frequency Range	DC - 7.50 GHz	
Outer Diameter [mm]	17.80	
Impedance [Ohms] (@ sea level and +25°C)	50 ± 2	
Velocity of Propagation [% , ± 2%]	77.00	
Capacitance [pF/m]	86.60	
Dielectric Strength (60 Hz) [KV rms]	5.00	
Max. Operating Voltage (60 Hz, @ sea level) [KV rms]	2.50	
Nominal Insertion Loss vs. Frequency [dB/m]	0.50 GHz	0.05
	1.00 GHz	0.07
	2.00 GHz	0.10
	4.00 GHz	0.15
	7.50 GHz	0.20
Nominal CW Power vs. Frequency (@ sea level and +20°C) [Watts]	0.50 GHz	14950.00
	1.00 GHz	10000.00
	2.00 GHz	6690.00
	4.00 GHz	4475.00
	7.50 GHz	2995.00
RF Leakage @ 9.5 GHz	-100 @ 7.5 GHz dBc	
Operating Temperature Range	-65 to +125	
Center Conductor	Material	Solid Copper, silver-plated
	Diameter [mm]	5.10
Dielectric	Material	low-density PTFE
	Diameter [mm]	15.40
	Dielectric Constant	1.7
Outer Conductor Construction	silver-plated copper ribbon, fiber glass serving, silver-plated copper braid	
Outer Jacket	FEP	
Weight [grams/m]	670.00	
Connector Retention Force [N]	280.00	
Minimum Bend Radius, Inside, Static [mm]	200.00	
Minimum Bend Radius, Inside, Dynamic [mm]	600.00	

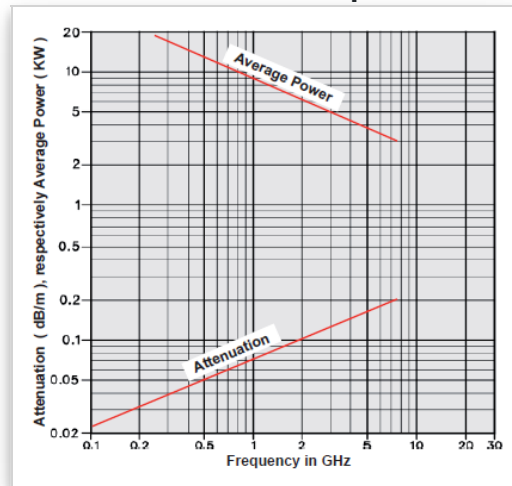
Characteristics:

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Cross Section View:



Attenuation & Power Graph:



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Specifications are subject to change without notice.