

Phase King Cable

Cable Type P160

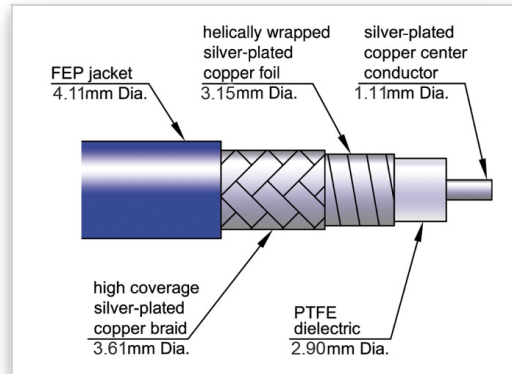
DC - 40.00 GHz

Specifications

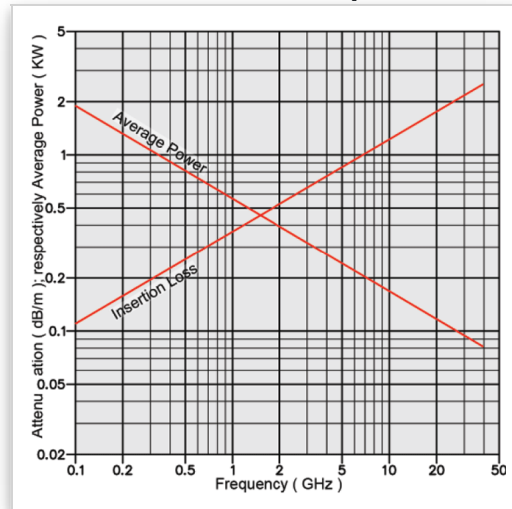
Cable Code	Standard	16P
	Armored	16Px
Frequency Range	DC - 40.00 GHz	
Outer Diameter [mm]	4.11	
Impedance [Ohms] (@ sea level and +25°C)	50 ± 2	
Velocity of Propagation [% , ± 2%]	87.00	
Capacitance [pF/m]	77.10	
Dielectric Strength (60 Hz) [KV rms]	-	
Max. Operating Voltage (60 Hz, @ sea level) [KV rms]	-	
Nominal Insertion Loss vs. Frequency [dB/m]	1.00 GHz	0.35
	2.50 GHz	0.55
	10.00 GHz	1.14
	18.00 GHz	1.55
	26.00 GHz	1.98
	40.00 GHz	2.40
Nominal CW Power vs. Frequency (@ sea level and +20°C) [Watts]	1.00 GHz	530.00
	2.50 GHz	340.00
	10.00 GHz	160.00
	18.00 GHz	130.00
	26.00 GHz	100.00
	40.00 GHz	80.00
RF Leakage @ 9.5 GHz	- dbC	
Operating Temperature Range	-54 to +125	
Center Conductor	Material	Solid silver-plated copper
	Diameter [mm]	1.11
Dielectric	Material	EPTFE
	Diameter [mm]	2.90
	Dielectric Constant	1.35
Outer Conductor Construction	Helically -wrapped silver-plated copper foil, high-coverage silver-plated copper braid	
Outer Jacket	FEP	
Weight [grams/m]	40.00	
Connector Retention Force [N]	85.00	
Minimum Bend Radius, Inside, Static [mm]	20.00	
Minimum Bend Radius, Inside, Dynamic [mm]	40.00	

Characteristics:

Cross Section View:



Attenuation & Power Graph:



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Specifications are subject to change without notice.