

# Phase King Cable

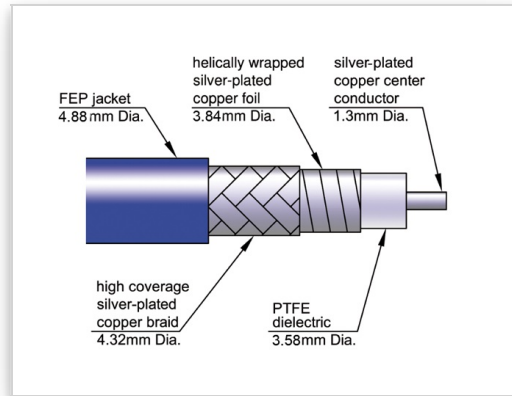
## Cable Type P190

DC - 32.00 GHz

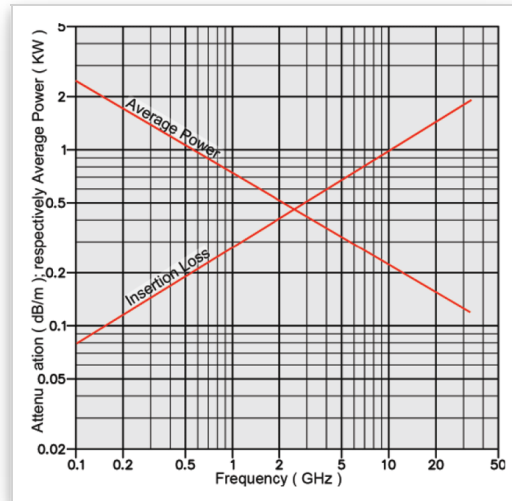
Specifications		
Cable Code	Standard	19P
	Armored	19Px
Frequency Range	DC - 32.00 GHz	
Outer Diameter [mm]	4.88	
Impedance [Ohms] (@ sea level and +25°C)	50 ± 2	
Velocity of Propagation [% , ± 2%]	82.40	
Capacitance [pF/m]	79.10	
Dielectric Strength (60 Hz) [KV rms]	-	
Max. Operating Voltage (60 Hz, @ sea level) [KV rms]	-	
Nominal Insertion Loss vs. Frequency [dB/m]	1.00 GHz	0.28
	2.50 GHz	0.44
	10.00 GHz	0.92
	18.00 GHz	1.27
	26.00 GHz	1.56
Nominal CW Power vs. Frequency (@ sea level and +20°C) [Watts]	1.00 GHz	730.00
	2.50 GHz	470.00
	10.00 GHz	220.00
	18.00 GHz	170.00
	26.00 GHz	135.00
RF Leakage @ 9.5 GHz	- dbC	
Operating Temperature Range	-54 to +125	
Center Conductor	Material	Solid silver-plated copper
	Diameter [mm]	1.30
Dielectric	Material	EPTFE
	Diameter [mm]	3.58
	Dielectric Constant	1.5
Outer Conductor Construction	Helically -wrapped silver-plated copper foil, high-coverage silver-plated copper braid	
Outer Jacket	FEP	
Weight [grams/m]	55.00	
Connector Retention Force [N]	220.00	
Minimum Bend Radius, Inside, Static [mm]	25.00	
Minimum Bend Radius, Inside, Dynamic [mm]	50.00	

### Characteristics:

### Cross Section View:



### Attenuation & Power Graph:



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Specifications are subject to change without notice.