

SpectrumFlex Cable

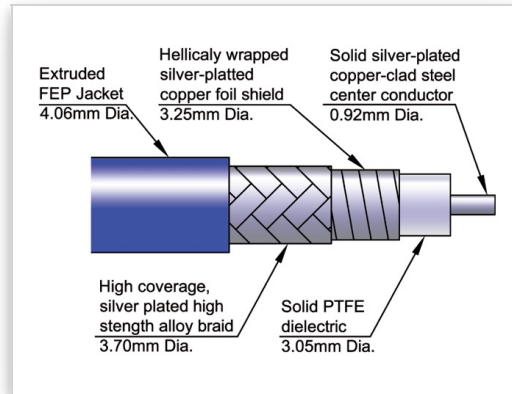
Cable Type 169F

DC - 26.50 GHz

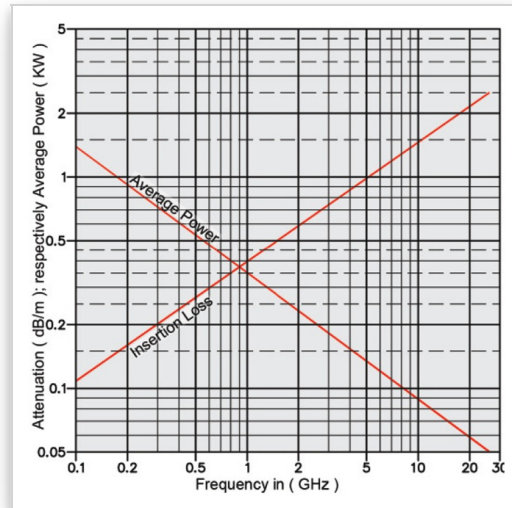
Specifications		
Cable Code	Standard	169F
	Armored	None
Frequency Range	DC - 26.50 GHz	
Outer Diameter [mm]	4.06	
Impedance [Ohms] (@ sea level and +25°C)	50 ± 2	
Velocity of Propagation [% , ± 2%]	70.50	
Capacitance [pF/m]	95.10	
Dielectric Strength (60 Hz) [KV rms]	-	
Max. Operating Voltage (60 Hz, @ sea level) [KV rms]	-	
Nominal Insertion Loss vs. Frequency [dB/m]	1.00 GHz	0.39
	2.50 GHz	0.62
	10.00 GHz	1.41
	18.00 GHz	2.00
	26.50 GHz	2.53
Nominal CW Power vs. Frequency (@ sea level and +20°C) [Watts]	1.00 GHz	282.00
	2.50 GHz	190.00
	10.00 GHz	90.00
	18.00 GHz	60.00
	26.50 GHz	48.00
RF Leakage @ 9.5 GHz	- dbC	
Operating Temperature Range	-54 to +125	
Center Conductor	Material	Solid, silver-plated copper-clad steel
	Diameter [mm]	0.92
Dielectric	Material	solid PTFE
	Diameter [mm]	3.05
	Dielectric Constant	2.0
Outer Conductor Construction	Helicly wrapped silver-plated copper foil shield, high-coverage, silver-plated high-strength alloy braid	
Outer Jacket	FEP	
Weight [grams/m]	44.00	
Connector Retention Force [N]	66.60	
Minimum Bend Radius, Inside, Static [mm]	8.10	
Minimum Bend Radius, Inside, Dynamic [mm]	38.10	

Characteristics:

Cross Section View:



Attenuation & Power Graph:



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Specifications are subject to change without notice.