

High Performance Flexible Cable

Cable Type C37

Ultimate Performance DC - 8.00 GHz

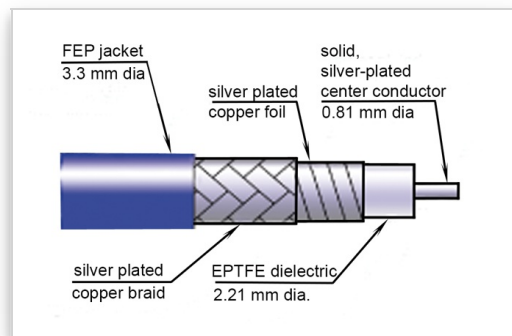
Specifications

Cable Code	Standard	C37
	Armored	C37x
Frequency Range	DC - 8.00 GHz	
Outer Diameter [mm]	3.30	
Impedance [Ohms] (@ sea level and +25°C)	50 ± 2	
Velocity of Propagation [% , ± 2%]	83.00	
Capacitance [pF/m]	79.00	
Dielectric Strength (60 Hz) [KV rms]	-	
Max. Operating Voltage (60 Hz, @ sea level) [KV rms]	-	
Nominal Insertion Loss vs. Frequency [dB/m]	4.00 GHz	0.80
	8.00 GHz	1.16
Nominal CW Power vs. Frequency (@ sea level and +20°C) [Watts]	4.00 GHz	225.00
	8.00 GHz	150.00
RF Leakage @ 9.5 GHz	>100 @ 18.0 GHz dBc	
Operating Temperature Range	-65 to +165	
Center Conductor	Material	Solid Copper, silver-plated
	Diameter [mm]	0.81
Dielectric	Material	low-density PTFE
	Diameter [mm]	2.21
	Dielectric Constant	1.5
Outer Conductor Construction	silver-plated copper foil, silver-plated copper braid	
Outer Jacket	FEP	
Weight [grams/m]	28.00	
Connector Retention Force [N]	130.00	
Minimum Bend Radius, Inside, Static [mm]	7.00	
Minimum Bend Radius, Inside, Dynamic [mm]	75.00	

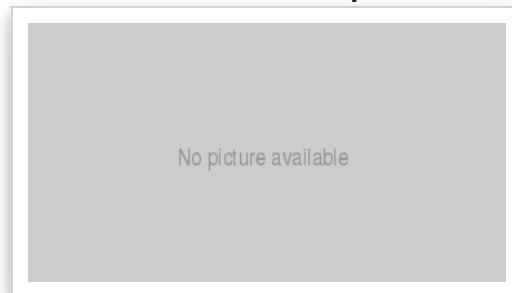
Characteristics:

- Ultimate Performance to 8.0 GHz
- Small diameter and excellent flexibility
- Meeting the very highest quality standard as needed for crucial applications in harsh environment
- Procurement for completely terminated assemblies, fully tested. The test documentation for VSWR and Insertion Loss will be supplied with the cable assembly
- Available Connectors: 2.4 mm, 2.92 mm, 3.5 mm, 7 mm, N, SMA, SBX, SBY, BQ-, CQ-, IQ-, RQ-, SQ-, TQ-Series and TNC

Cross Section View:



Attenuation & Power Graph:



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Specifications are subject to change without notice.