

High Performance Flexible Cable

Cable Type 60

Type 60A operates up to +90°C, Type 60B operates up to +150°C

DC - 18.00 GHz

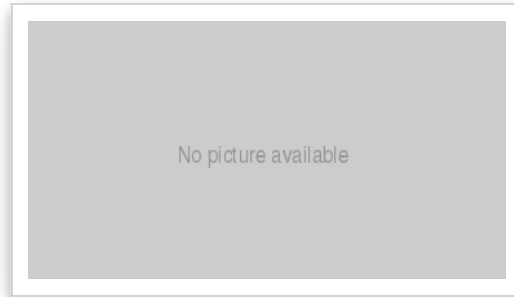
Specifications

Cable Code	Standard	None
	Armored	None
Frequency Range	DC - 18.00 GHz	
Outer Diameter [mm]	12.00	
Impedance [Ohms] (@ sea level and +25°C)	50 ± 2	
Velocity of Propagation [% , ± 2%]	84.00	
Capacitance [pF/m]	79.00	
Dielectric Strength (60 Hz) [KV rms]	6.00	
Max. Operating Voltage (60 Hz, @ sea level) [KV rms]	1.50	
Nominal Insertion Loss vs. Frequency [dB/m]	0.50 GHz	0.12
	2.00 GHz	0.23
	4.00 GHz	0.32
	8.00 GHz	0.45
	12.40 GHz	0.54
	18.00 GHz	0.66
Nominal CW Power vs. Frequency (@ sea level and +20°C) [Watts]	0.50 GHz	2760.00
	2.00 GHz	1300.00
	4.00 GHz	900.00
	8.00 GHz	618.00
	12.40 GHz	496.00
	18.00 GHz	398.00
RF Leakage @ 9.5 GHz	-90 @ 18.0 GHz dbc	
Operating Temperature Range	-54 to +90/ -54 to +150	
Center Conductor	Material	Solid Copper, silver-plated
	Diameter [mm]	2.30
Dielectric	Material	low-density PTFE
	Diameter [mm]	6.02
	Dielectric Constant	1.4
Outer Conductor Construction	2x copper braid, silver-plated	
Outer Jacket	FEP, Stainless Steel braid, polyamide spiral	
Weight [grams/m]	332.00	
Connector Retention Force [N]	250.00	
Minimum Bend Radius, Inside, Static [mm]	100.00	
Minimum Bend Radius, Inside, Dynamic [mm]	375.00	

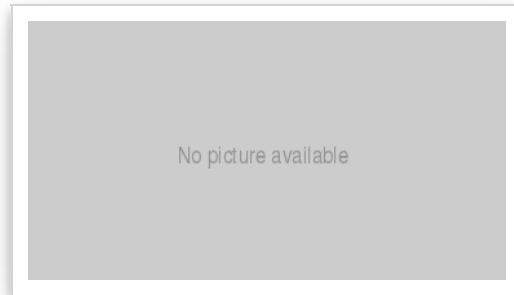
Characteristics:

- Ultra-low loss to 18.0 GHz
- Most rugged construction by a third stainless steel braid and in addition a stainless steel spring, interlaced with fabric material
- 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: 7/16, C, HN, N, SC, SMA and TNC

Cross Section View:



Attenuation & Power Graph:



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Specifications are subject to change without notice.