

Cable P/N : 13A26



Construction

	Section	Material	Diameter
1	Center Conductor	Silver Plated Copper, wire [Stranded]	Ø1.34mm, 19/0.287 (Ø0.053inch, 19/0.0113)
2	Dielectric	PTFE [Extruded]	Ø3.98mm (Ø0.157inch)
3	1 st Shield	Silver Plated Copper, flat	
4	2 nd Shield	Silver Plated Copper, wire	
5	1 st Jacket	High Temperature Resin	
6	2 nd Jacket	Ruggedized Aramid yarn [Yellow Pattern on Black base]	Ø6.7mm ±0.1 (Ø0.263inch)

Electrical & Mechanical specification

Characteristic Impedance	50Ω ±1.0
Operating Frequency	DC to 26.5GHz
Temperature Range	-50°C ~ +135°C
Velocity of Propagation	77% nominal
Shielding Effectiveness	≤ -100dB @18GHz
Minimum Bend Radius	30mm (1.18inch)
Phase Stability vs. Flexure	Max. 10° @26.5GHz
Loss Stability vs. Flexure	△ 0.1dB to 26.5GHz
Weight [g/m]	81

Attenuation & Average Power Rating (25 °C, at Sea Level)

Frequency [GHz]	Attenuation (Typ.)		Avg. Power [Watt]
	[dB/m]	[dB/ft.]	
1.0	- 0.25	- 0.076	719
3.0	- 0.45	- 0.136	423
6.0	- 0.65	- 0.199	305
10.0	- 0.87	- 0.266	240
12.0	- 0.97	- 0.295	221
18.0	- 1.23	- 0.375	184
26.5	- 1.55	- 0.473	155