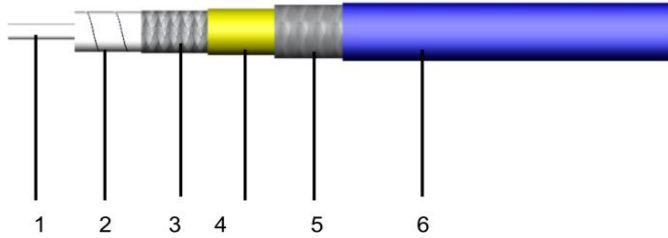


CTA-485



High Frequency Test Cable



Construction Specification

structure	Diameter(mm)	Materials
1.Inner Conductor	0.94	Silver Plated Copper
2.Dielectric	2.97	PTFE
3.Outer Conductor	3.17	Flat Silver Plated Copper Wrap
4.Innerlayer	3.33	Kapton Aluminum Foil
5.Shield	3.88	Silver Plated Copper
6.Jacket	4.85	FEP

Electrical Characteristics

Impedance	50Ohm
Velocity(%)	70%
Shielding Efficiency(dB)	>100
Mechanical Phase Stabilization	0.19°/GHz Max
Mechanical Amplitude Stabilization	±0.1dB Max (DC-26.5GHz)

Mechanical Characteristics

Min.Bending Radius with Install (mm)	25
Operating Temp.(°C)	-55 to 150

Attenuation (Max@25°C)

Frequency (GHz)	dB/100M	Average Power(KW)
1	40.00	0.539
2	59.00	0.363
3	74.00	0.285
6	112.00	0.180
8	113.00	0.152
12	172.00	0.117
18	224.00	0.088
26.8	290.00	0.065

Test Method: CTA-485 Test Cable, SMA Straight Male Connectors Both Sides, 1 Meter Length. Wrapped 360 degree around a 100mm diameter mandrel.

