

CAC Technology® Data Sheet

RF Coaxial Cable P/N: 22S1

Description

22S1

the semi-flexible coaxial cable .



Construction

Inner Conductor	① Silver Plated Copper	0.51mm±0.02
Dielectric	② Solid PTFE	1.65mm
Braiding	③ Tin Soaked Copper Braid	2.15mm

Electrical Data

Impedance	50 ohm
Max. operating frequency	20 GHz
Velocity of signal propagation	70%
Shielding effectiveness	> 90 dB (@1GHz)
Max. operating voltage	1500V

Mechanical Data

Weight	16g/ m
Min. bending radius	static 6 mm
	dynamic 20mm

Environmental Data

Temperature range	-65 °C ~ + 135 °C
2011/65/EU (RoHS)	compliant





Attenuation & CW Power

Frequency GHz	Attenuation dB/100m	Attenuation dB/100ft	CW Power W
1	64.01	19.51	156.66
3	115.95	35.34	86.48
5	154.21	47.00	65.03
7	186.82	56.94	53.68
9	216.09	65.86	46.41
11	243.11	74.10	41.25
13	268.46	81.83	37.35
15	292.53	89.16	34.28
17	315.56	96.18	31.78
19	337.72	102.94	29.69
20	348.53	106.23	28.77

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