

CAC Technology® Data Sheet

RF Coaxial Cable P/N: 22R1

Description

22R1

the semi-rigid coaxial cable .



Construction

Inner Conductor	① Silver Plated Copper	0.52mm±0.02
Dielectric	② Solid PTFE	1.68mm
Braiding	③ Seamless Annealed Copper Tube	2.20mm

Electrical Data

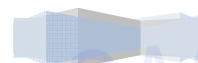
Impedance	50 ohm
Max. operating frequency	20 GHz
Velocity of signal propagation	70%
Shielding effectiveness	> 150 dB (@1GHz)
Max. operating voltage	1200V

Mechanical Data

Weight	18g/ m
Min. bending radius	static 8 mm

Environmental Data

Temperature range	-65 °C ~ + 125 °C
2011/65/EU (RoHS)	compliant



Attenuation & CW Power

Frequency	Attenuation	Attenuation	CW Power
GHz	dB/100m	dB/100ft	W
1	64.01	19.51	234.78
3	115.95	35.34	129.60
5	154.21	47.00	97.45
7	186.82	56.94	80.44
9	216.09	65.86	69.55
11	243.11	74.10	61.82
13	268.46	81.83	55.98
15	292.53	89.16	51.37
17	315.56	96.18	47.62
19	337.72	102.94	44.50
20	348.53	106.23	43.12

Version	Drawn/Date	Check/Date
01	Jinyuan 2012.10.18	wangzhen 2012.10.19



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Hefei CAC Electronic Technology Co.,Ltd.

Tel: 0086-551-63718423

Fax:0086-551-63718413

www.cactechnology.com

