

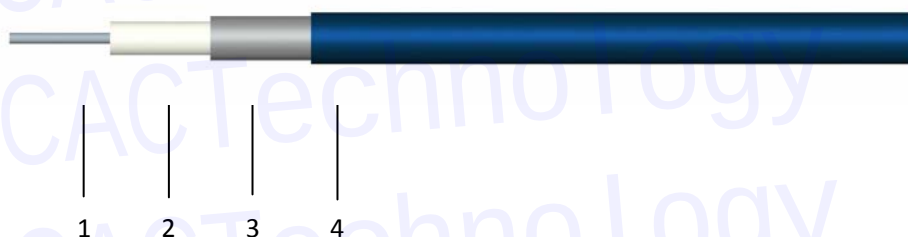
CAC Technology® Data Sheet

RF Coaxial Cable P/N: 22S2_FEP

Description

22S2_FEP

the semi-flexible coaxial cable with FEP jacket.



Construction

Inner Conductor	① Silver Plated Copper	0.51mm±0.02
Dielectric	② Solid PTFE	1.68mm
Braiding	③ Tin Soaked Copper Braid	2.16mm
Jacket	④ FEP, Blue	2.60±0.1

Electrical Data

Impedance	50 ohm
Max. operating frequency	20 GHz
Velocity of signal propagation	70%
Shielding effectiveness	> 100 dB (@1GHz)
Max. operating voltage	1500V

Mechanical Data

Weight	18g/ 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	Attenuation	Attenuation	CW Power
GHz	dB/100m	dB/100ft	W
1	64.01	19.51	172.29
3	115.95	35.34	95.11
5	154.21	47.00	71.51
7	186.82	56.94	59.03
9	216.09	65.86	51.03
11	243.11	74.10	45.36
13	268.46	81.83	41.08
15	292.53	89.16	37.70
17	315.56	96.18	34.95
19	337.72	102.94	32.65
20	348.53	106.23	31.64

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

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