

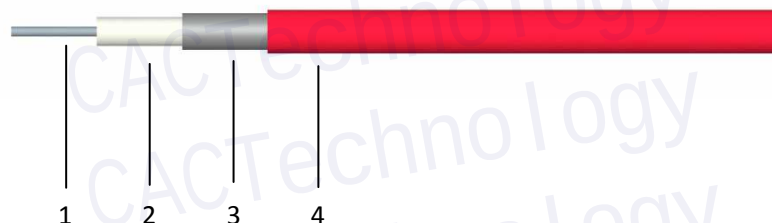
CAC Technology® Data Sheet

RF Coaxial Cable P/N: 22S4_FEP

Description

22S4_FEP

the high performance with red fep jacket semi-flexible microwave cable.



Construction

Inner Conductor	① Silver Plated Copper	0.53mm±0.02
Dielectric	② Solid PTFE	1.65mm
Braiding	③ Tin Soaked Copper Braid	2.10mm
Jacket	④ FEP, Red	2.5±0.1

Electrical Data

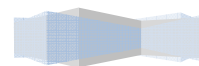
Impedance	50 ohm
Max. operating frequency	40 GHz
Velocity of signal propagation	71%
Shielding effectiveness	> 100 dB (up to 18GHz)
Max. operating voltage	1500V

Mechanical Data

Weight	18g/ m
Min. bending radius	static 6 mm
	dynamic 20mm

Environmental Data

Temperature range	-65 °C ~ + 165 °C
2011/65/EU (RoHS)	compliant



Attenuation & CW Power

Frequency	Attenuation	Attenuation	CW Power
GHz	dB/100m	dB/100ft	W
1	66.11	20.15	333.20
3	119.72	36.49	184.00
5	159.19	48.52	138.38
7	192.81	58.77	114.25
9	222.99	67.97	98.78
11	250.84	76.46	87.82
13	276.97	84.42	79.53
15	301.77	91.98	72.99
17	325.50	99.21	67.67
19	348.34	106.17	63.24
21	370.43	112.91	59.47
23	391.87	119.44	56.21
25	412.75	125.81	53.37
27	433.13	132.02	50.86
29	453.07	138.10	48.62
31	472.61	144.05	46.61
33	491.79	149.90	44.79
35	510.65	155.65	43.14
37	529.20	161.30	41.62
39	547.48	166.87	40.24
40	556.52	169.63	39.58

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

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