

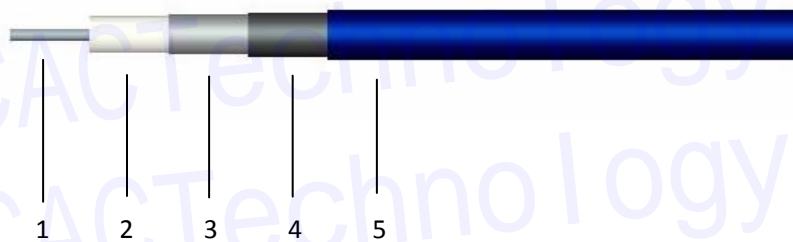
CAC Technology® Data Sheet

RF Coaxial Cable P/N: 22S3_FEP

Description

22S3_FEP

the double shield of Tape&Braid flexible coaxial cable, high performance microwave cable.



Construction

Inner Conductor	① Silver Plated Copper	0.51mm ± 0.02
Dielectric	② SPTFE	1.63mm
Outer Conductor	③ Silver Plated Copper Tape	1.79mm
Braiding	④ Silver Plated Copper Braid	2.16 ± 0.05
Jacket	⑤ FEP, Blue	2.8 ± 0.1

Electrical Data

Impedance	50 ohm
Max. operating frequency	26.5 GHz
Velocity of signal propagation	70%
Shielding effectiveness	> 90 dB (@1 GHz)
Max. operating voltage	1000V

Mechanical Data

Weight	22g/ m
Min. bending radius	static 14 mm
	dynamic 28mm

Environmental Data

Temperature range	-55 °C ~ + 125 °C
2011/65/EU (RoHS)	compliant





Attenuation & CW Power

Frequency	Attenuation	Attenuation	CW Power
GHz	dB/100m	dB/100ft	W
1	69.40	21.15	103.58
2	100.45	30.62	71.56
3	125.19	38.16	57.42
4	146.67	44.70	49.01
5	166.06	50.61	43.29
6	183.96	56.07	39.07
7	200.75	61.19	35.81
8	216.64	66.03	33.18
9	231.81	70.66	31.01
10	246.37	75.09	29.18
11	260.41	79.37	27.60
12	274.00	83.52	26.23
13	287.20	87.54	25.03
14	300.04	91.45	23.96
15	312.58	95.27	23.00
16	324.83	99.01	22.13
17	336.82	102.66	21.34
18	348.59	106.25	20.62
19	360.13	109.77	19.96
20	371.48	113.23	19.35
21	382.65	116.63	18.78
22	393.64	119.98	18.26
23	404.48	123.29	17.77
24	415.17	126.54	17.31
25	425.72	129.76	16.88
26.5	441.30	134.51	16.29

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



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