

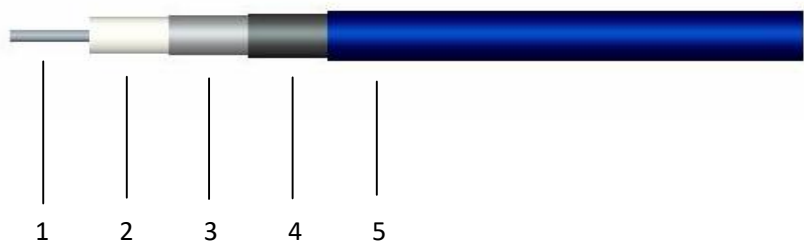
CAC Technology® Data Sheet

RF Coaxial Cable P/N: 22P5_FEP

Description

22P5_FEP

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



Construction

Inner Conductor	① Silver Plated Copper	0.52mm±0.02
Dielectric	② SPTFE	1.41mm
Outer Conductor	③ Silver Plated Copper Tape	1.54mm
Braiding	④ Silver Plated Copper Braid	1.89±0.05
Jacket	⑤ FEP, Blue	2.20±0.1

Electrical Data

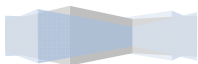
Impedance	50 ohm
Max. operating frequency	40 GHz
Velocity of signal propagation	76%
Shielding effectiveness	> 90 dB (@1 GHz)
Max. operating voltage	1500V

Mechanical Data

Weight	22g/ m
Min. bending radius	static 11 mm
	dynamic 22mm

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	63.52	19.36	113.17
4	129.47	39.46	55.52
7	173.36	52.84	41.46
10	209.20	63.76	34.36
13	240.47	73.30	29.89
16	268.71	81.90	26.75
19	294.73	89.83	24.39
22	319.04	97.24	22.53
25	341.98	104.24	21.02
28	363.80	110.89	19.76
31	384.67	117.25	18.69
34	404.73	123.36	17.76
37	424.08	129.26	16.95
40	444.80	135.58	16.16
43	468.07	142.67	15.36
46	486.16	148.18	14.79
49	503.80	153.56	14.27
52	521.03	158.81	13.80
55	537.89	163.95	13.36
58	554.39	168.98	12.97
61	570.58	173.91	12.60
64	586.47	178.76	12.26
67	602.09	183.52	11.94



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Version	Drawn/Date	Check/Date
02	Rudy 2014.12.18	Mark 2014.12.19

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