

CAC Technology® Data Sheet

RF Coaxial Cable P/N: 22SA_FEP

Description

22SA_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	2.50 ± 0.06

Electrical Data

Impedance	50 ohm
Max. operating frequency	65 GHz
Velocity of signal propagation	70%
Shielding effectiveness	> 100 dB (@1GHz)
Max. operating voltage	1000V

Mechanical Data

Weight	21g/ 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	66.03	20.13	212.45
5	158.79	48.40	88.35
9	222.27	67.75	63.11
13	275.93	84.10	50.84
17	324.14	98.80	43.28
21	368.75	112.39	38.04
25	410.75	125.20	34.15
29	450.75	137.39	31.12
33	489.15	149.09	28.68
37	526.24	160.40	26.66
41	562.22	171.37	24.95
45	597.26	182.04	23.49
49	631.47	192.47	22.21
53	664.96	202.68	21.10
57	697.80	212.69	20.10
61	730.07	222.52	19.21
65	761.81	232.20	18.41



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