Coaxial Cable DCA8C-NM700NM-B63-5984

COM-MW TECHNOLOGY

DC~18GHz, LL Flexible, 700mm, N-M or J, N-M or J

Main specifications

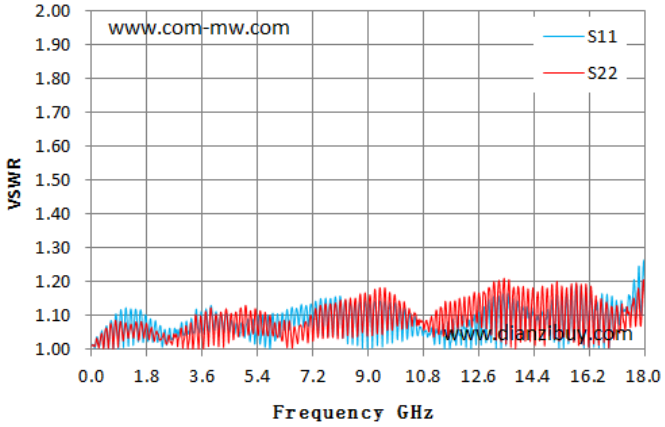
Items	Frequency (G)	Min	Type	Max	Units
Frequency		DC	~	18	GHz
IL				1.33	dB
VSWR			1.2	1.35	

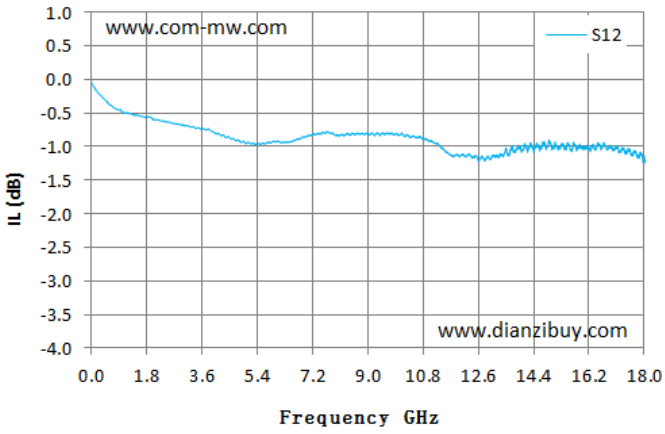
Reference picture

Other parameters

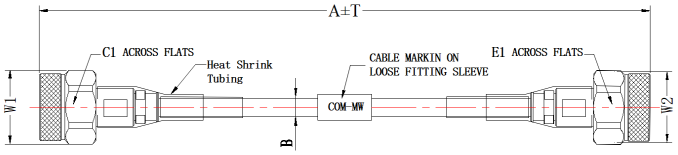
Cable category	LL Flexible
Length	700mm
Connector 1	N-M or J
Connector 2	N-M or J
Impedance	50Ω
Operation Temp.	-40~+85°C Design assurance
Storage Temp.	-40~+85°C Design assurance
Quality Grade	Industrial grade
ROHS	Compliant

Typical test curve





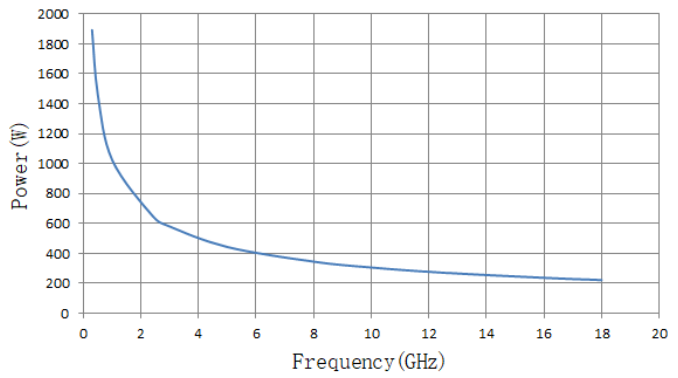
Configuration



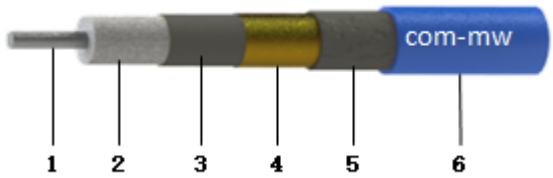
Overall dimensions (mm)

A	700	mm	C1	20	mm
B	6.3	mm	E1	20	mm
T	10	mm	W1/W2	22	mm

Type power curve



Cable structure diagram



Note

Static turning radius	32mm
Dynamic conversion to radius	63mm

Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

Typical test data

Frequency GHz	S11 VSWR	S22 VSWR	S12 IL dB
0.01	1.02	1.02	-0.05
1.29	1.06	1.07	-0.51
2.57	1.04	1.02	-0.64
3.86	1.11	1.11	-0.75
5.14	1.04	1.08	-0.94
6.43	1.06	1.08	-0.93
7.71	1.06	1.06	-0.78
9.00	1.05	1.07	-0.81
10.29	1.04	1.08	-0.83
11.57	1.05	1.09	-1.09
12.86	1.05	1.06	-1.17
14.14	1.07	1.07	-1.01
15.43	1.11	1.12	-1.01
16.71	1.06	1.08	-0.96
18.00	1.23	1.16	-1.21

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