

Main specifications

Items	Frequency (G)	Min	Type	Max	Units
Frequency		DC	~	40	GHz
IL	40		0.5	0.85	dB
VSWR	40		1.25	1.30	

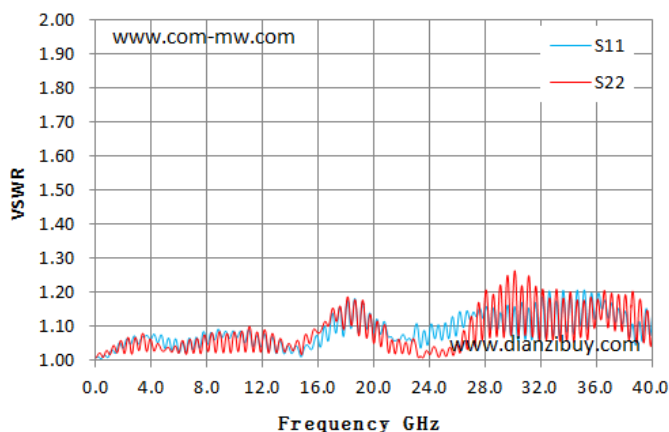
Reference picture



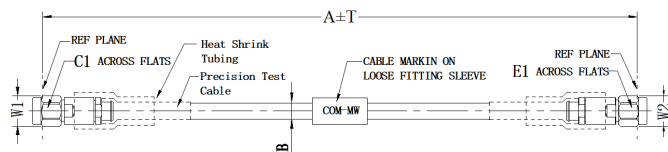
Other parameters

Cable category	LL Phase Stable
Length	250mm
Connector 1	2.92-M or J
Connector 2	2.92-M or J
Impedance	50Ω
Operation Temp.	-40~+85°C Design assurance
Storage Temp.	-40~+85°C Design assurance
Quality Grade	Industrial grade

Typical test curve

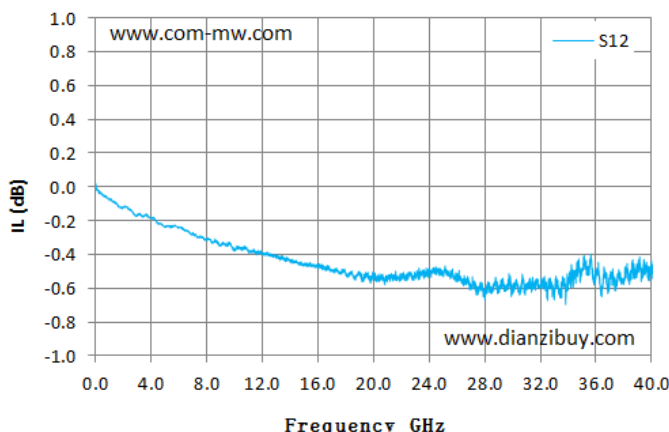


Configuration

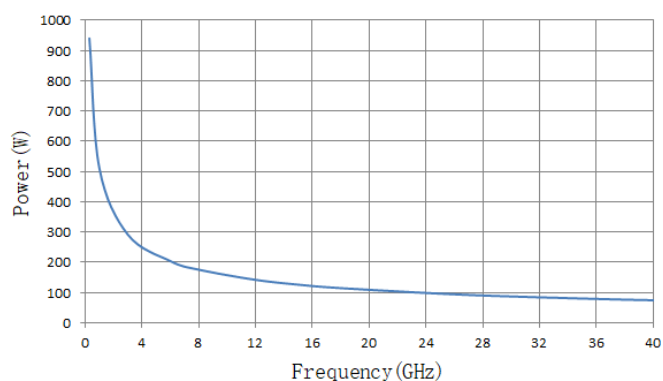


Overall dimensions (mm)

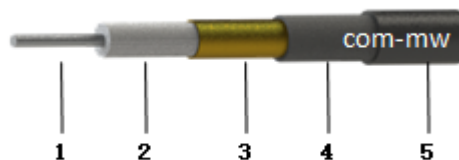
A	250	mm	C1	8.0	mm
B	3.6	mm	E1	8.0	mm
T	10	mm	W1	8.9	mm



Type power curve



Cable structure diagram



Note

Static turning radius	19mm
Dynamic conversion to radius	36mm

Typical test data

Frequency GHz	S11 VSWR	S22 VSWR	S12 IL dB
0.01	1.01	1.01	-0.01
2.86	1.07	1.07	-0.17
5.71	1.06	1.04	-0.23
8.57	1.06	1.03	-0.32
11.43	1.05	1.04	-0.37
14.29	1.04	1.03	-0.44
17.14	1.11	1.15	-0.50
20.00	1.08	1.05	-0.51
22.86	1.07	1.06	-0.53
25.71	1.12	1.02	-0.53
28.57	1.14	1.19	-0.60
31.43	1.07	1.07	-0.56
34.29	1.11	1.12	-0.49
37.14	1.17	1.20	-0.52
40.00	1.11	1.06	-0.44

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