

Product features

High reliability, low VSWR and high cost performance

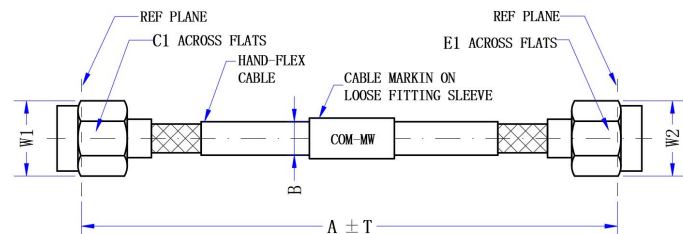
Main specifications

Items	Frequency (G)	Min	Type	Max	Units
Frequency		DC	~	20	GHz
IL	DC-20		0.95	0.99	dB
VSWR	DC-20		1.35	1.35	

Other parameters

Cable category	Hand-Flex Cable
Length	220mm
Connector 1	SMA-M Stainless steel
Connector 2	SMA-M Stainless steel
Impedance	50Ω
Operation Temp.	-40~+65°C Design assurance
Storage Temp.	-40~+65°C Design assurance

Configuration



Overall dimensions (mm)

A	220	mm	C1	8.0	mm
B	2.2	mm	E1	8.0	mm
T	13	mm	W1	8.9	mm
			W2	8.9	mm

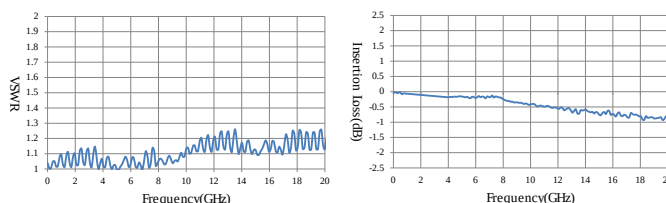
Reference picture



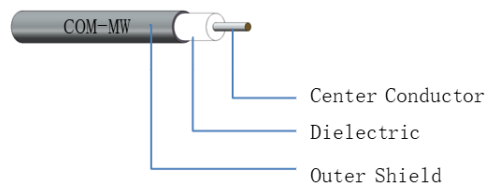
Typical test data

F (MHz)	IL (dB)	Input VSWR	Output VSWR
100	0.01	1.02	1.01
1000	0.05	1.08	1.04
2500	0.14	1.10	1.06
4000	0.22	1.11	1.11
5000	0.28	1.13	1.13
6000	0.30	1.09	1.14
7000	0.35	1.12	1.15
8000	0.41	1.13	1.17
9000	0.52	1.15	1.19
10000	0.53	1.21	1.16
12000	0.56	1.15	1.18
15000	0.72	1.19	1.17
18000	0.81	1.16	1.19
20000	0.95	1.20	1.21

Typical test curve



Cable structure diagram

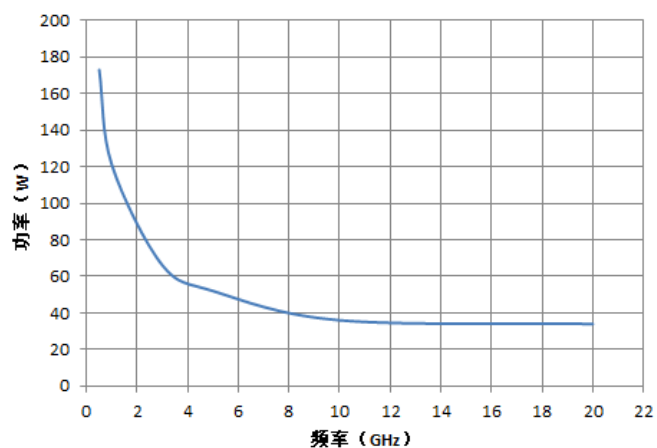


Note

- Suggested installation radius greater than 10mm

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

Type power curve



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