

Product features

High cost performance, armored stable amplitude and phase cable.

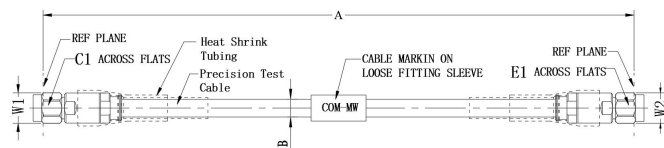
Main specifications

Items	Frequency (G)	Min	Type	Max	Units
Frequency		DC	~	40	GHz
IL	DC-6		0.48	0.55	dB
IL	6-15		0.96	1.08	dB
IL	15-26.5		1.38	1.76	dB
IL	26.5-40		1.94	2.10	dB
VSWR	DC-6		1.05	1.35	
VSWR	6-15		1.10	1.35	
VSWR	15-26.5		1.14	1.35	
VSWR	26.5-40		1.20	1.38	

Other parameters

Cable category	Armored stable amplitude and phase
Length	500mm
Connector 1	2.92-J Stainless steel
Connector 2	2.92-J Stainless steel
Impedance	50Ω
Operation Temp	-40~+85°C Design assurance
Storage Temp.	-40~+85°C Design assurance

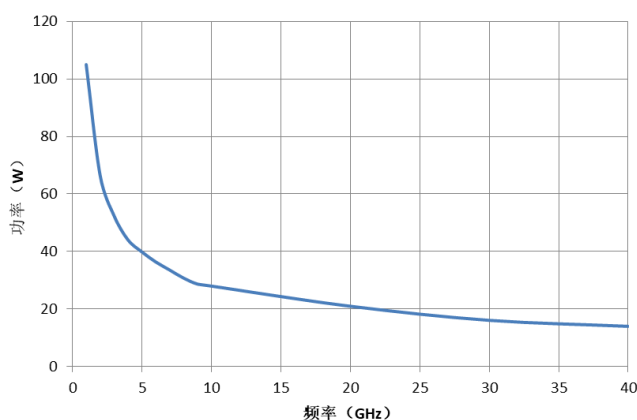
Configuration



Overall dimensions (mm)

A	500	mm	C1	8.0	mm
B	6.3	mm	E1	8.0	mm
T	13	mm	W1	8.9	mm
			W2	8.9	mm

Type power curve



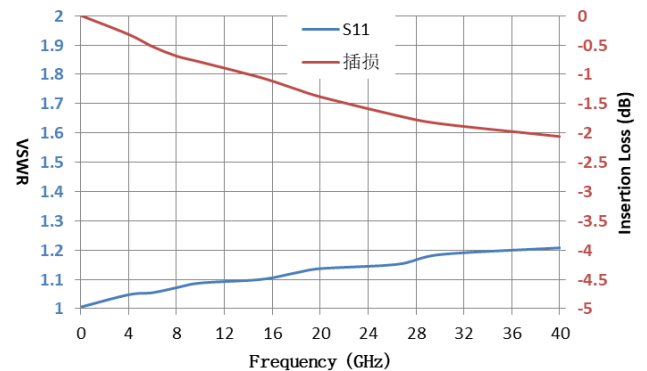
Reference picture



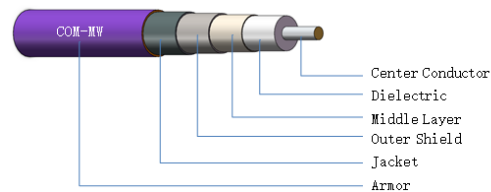
Typical test data

F (MHz)	IL (dB)	Input VSWR	Output VSWR
100	0.01	1.01	1.01
4000	0.32	1.03	1.02
6000	0.51	1.05	1.05
8000	0.68	1.06	1.08
10000	0.78	1.08	1.09
15000	1.01	1.11	1.11
18000	1.21	1.13	1.12
20000	1.36	1.15	1.14
26500	1.70	1.16	1.16
30000	1.84	1.17	1.18
40000	2.06	1.19	1.21

Typical test curve



Cable structure diagram



Note

1 Installation radius greater than 80mm

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