

Characteristics and Application

Low insertion loss.

Small volume.

High power, low-temperature drift.

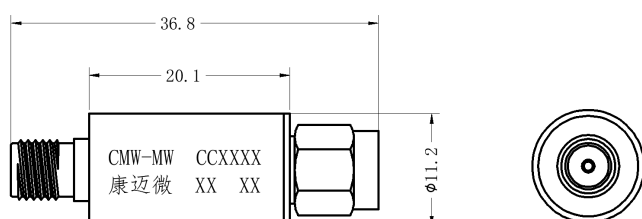
Tech specifications

Items	Parameters	Units
Center Frequency	8.175	GHz
Bandwidth	8.0-8.35	GHz
Center loss	3.5	dB
Ripple	1.0	dB
VSWR	1.7:1	
Group delay ripple	1.0	ns
Rejection	40@DC-7.2GHz	dBc
Rejection	40@9.3-17.0GHz	dBc

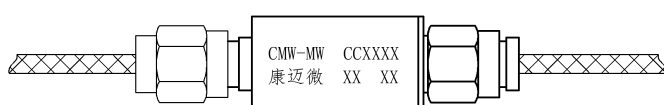
Other requirement (Design assurance)

Impedance	50Ω
Connector	SMA-K, SMA-J
power	5W CW
Operation Temp.	-45~+85°C Design assurance
Storage Temp.	-55~+85°C Design assurance
Quality Grade	Industrial grade

Outline drawing:



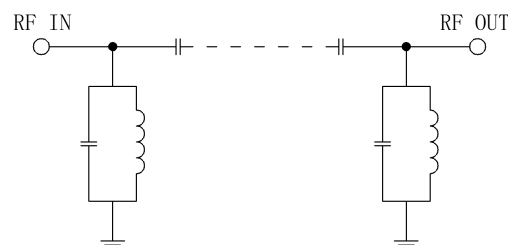
Installation diagram



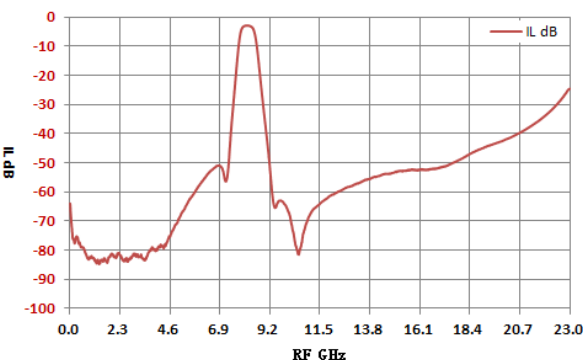
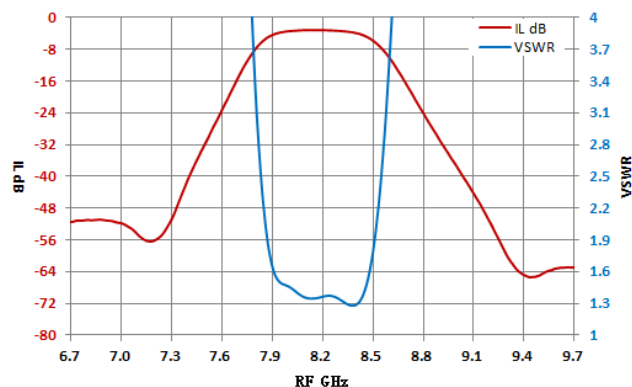
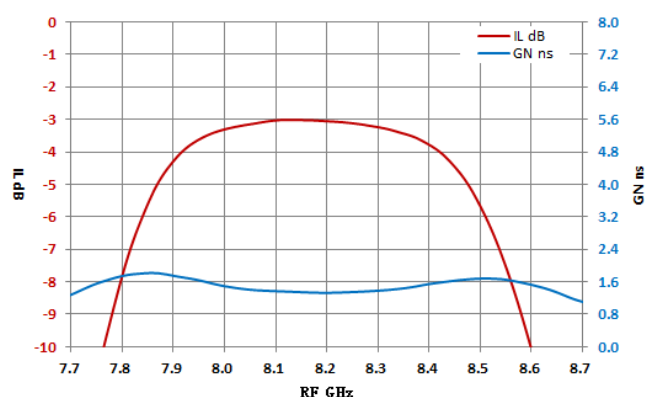
Reference picture



Schematic diagram



Typical test curve



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

Note

- 1, Rotate the connector nut for connection during installation, do not rotate the filter or cable for connection.
2. The filter should not be immersed in cleaning solution during the cleaning process.