

FEATURES

- DC-40GHz, up to 10kW
- Flatness Attenuation Value and Accuracy
- High Reliability, Repeatable Performance
- Anti-pulse and Anti-burnout
- Low IM3 Versions Available

APPLICATIONS

- Military & Space
- Radar&Electronic warfare
- Test Equipment

ELECTRICAL SPECIFICATIONS@25°C:

Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)					Max VSWR
		1-10	20	30	40	50	
MFT124F010FXXL	DC-12.4	±0.6	±0.5	±0.5	+0.5/+0.7	±1.0	1.15
MFT180F010FXXL	DC-18	±0.8	±0.8	±0.8	-0.5/+1.0	-1.0/+1.2	1.20
MFT265F010FXXL	DC-26.5	±1.0	-0.5/+1.2	-0.5/+1.2	-0.5/+1.2	-1.0/+1.5	1.25

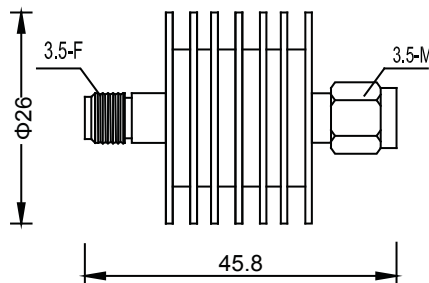
Model Numbe	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)		Max VSWR
		60	70	
MFT124F010FXXL	DC-12.4	-1.0/+1.5	-1.2/+1.5	1.15
MFT180F010FXXL	DC-18	-1.0/+1.5	-1.2/+1.5	1.20
MFT265F010FXXL	DC-26.5	-1.0/+1.5	-1.2/+1.8	1.25

Note: XX refer to attenuation value in dB

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	Φ26*45.8		Millimeter
Weight	35	type	gram
Operating Temperature	-55~+125		°C
Impedance	50		ohms

OUTLINE DRAWING(mm):



- 1.Average power: 10W @ 25°C ,1W @ 125°C.
- 2.Peak power:0.5KW (5μs pulse width with 2% duty cycle)
- 3.Connector type:3.5mm male or female,please remark connector type w.
- 4.Customized special attenuation value & accuracy is also available.