

**Precision**

**Fixed Attenuators/Terminations**

**DC~70GHz**



***Ultra-low Leakage, Superior Shielding Effectiveness***

***Outstanding Attenuation Accuracy, Excellent VSWR***

***Passivated Stainless Steel, High Reliability***

***A Variety of Attenuation Values are Available***

# Precision Fixed Attenuators

## DC~18GHz 2W 50Ω SMA Male - SMA Female

Model	Accuracy (dB)	VSWR (∶1)			2D Outline Drawing	
		DC-8GHz	8-12.4GHz	12.4-18GHz		
FA18-0201-SMSF	±0.5	≤1.25	≤1.30	≤1.35		
FA18-0202-SMSF						
FA18-0203-SMSF						
FA18-0204-SMSF						
FA18-0205-SMSF						
FA18-0206-SMSF						
FA18-0207-SMSF	-0.5/+0.6	≤1.25	≤1.30	≤1.35		
FA18-0208-SMSF						
FA18-0209-SMSF						
FA18-0210-SMSF						
FA18-0212-SMSF						
FA18-0215-SMSF						
FA18-0220-SMSF	-0.6/+0.8	≤1.25	≤1.30	≤1.35		
FA18-0230-SMSF						
FA18-0240-SMSF						
FA18-0240-SMSF						

## DC~18GHz 2W 50Ω SMA Male - SMA Male

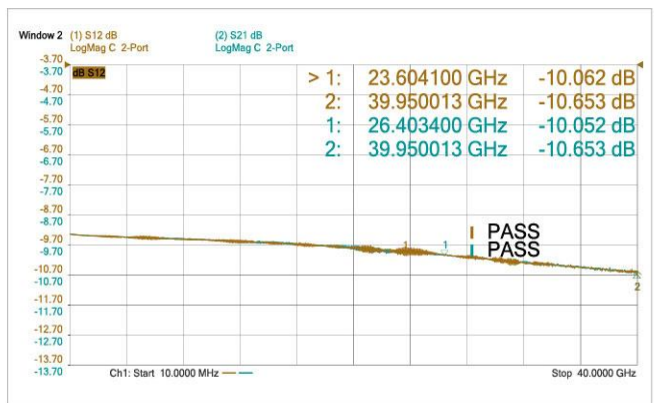
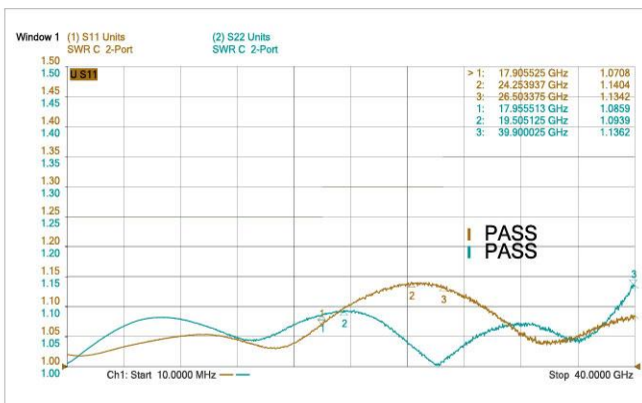
Model	Accuracy (dB)	VSWR (∶1)			2D Outline Drawing	
		DC-8GHz	8-12.4GHz	12.4-18GHz		
FA18-0201-SMSM	±0.5	≤1.25	≤1.30	≤1.35		
FA18-0202-SMSM						
FA18-0203-SMSM						
FA18-0204-SMSM						
FA18-0205-SMSM						
FA18-0206-SMSM						
FA18-0207-SMSM	-0.5/+0.6	≤1.25	≤1.30	≤1.35		
FA18-0208-SMSM						
FA18-0209-SMSM						
FA18-0210-SMSM						
FA18-0212-SMSM						
FA18-0215-SMSM						
FA18-0220-SMSM	-0.6/+0.8	≤1.25	≤1.30	≤1.35		
FA18-0230-SMSM						
FA18-0240-SMSM						
FA18-0240-SMSM						

## DC~18GHz 2W 50Ω SSMP Male - SSMP Female

Model	Accuracy (dB)	VSWR (:1)			2D Outline Drawing	
		DC-8GHz	8-12.4GHz	12.4-18GHz		
FA18-0201-SPMF	±0.6	≤1.25	≤1.30	≤1.35		
FA18-0202-SPMF						
FA18-0203-SPMF						
FA18-0204-SPMF						
FA18-0205-SPMF						
FA18-0206-SPMF						
FA18-0207-SPMF						
FA18-0208-SPMF						
FA18-0209-SPMF						
FA18-0210-SPMF						
FA18-0212-SPMF	±0.8	≤1.25	≤1.30	≤1.35		
FA18-0215-SPMF						
FA18-0220-SPMF						
FA18-0230-SPMF						
FA18-0240-SPMF	±1.0	≤1.25	≤1.30	≤1.35		

## DC~40GHz 2W 50Ω 2.92mm Male - 2.92mm Female

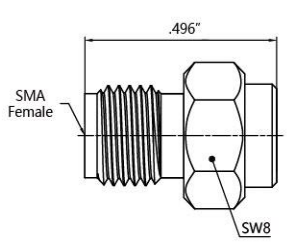
Model	Accuracy (dB)		VSWR (:1)			2D Outline Drawing
	DC-26.5GHz	26.5-40GHz	DC-18GHz	18-26.5GHz	26.5-40GHz	
FA40-0201-KMKF	-0.8~+0.8	-0.8~+1.0	≤1.25	≤1.30	≤1.35	
FA40-0202-KMKF						
FA40-0203-KMKF						
FA40-0204-KMKF						
FA40-0205-KMKF						
FA40-0206-KMKF						
FA40-0207-KMKF						
FA40-0208-KMKF						
FA40-0209-KMKF						
FA40-0210-KMKF						
FA40-0215-KMKF						
FA40-0220-KMKF						
FA40-0230-KMKF						



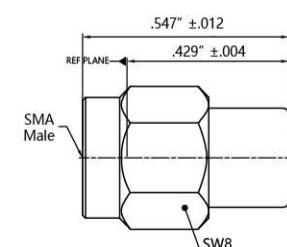
Test Curve of FA40-0210-KMKF

# Precision Terminations

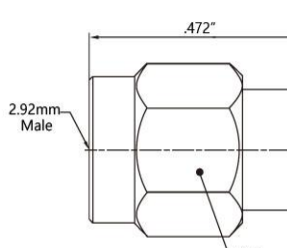
## TM18-02-SF DC~18GHz 2W 50Ω SMA Female

Frequency Range	DC~18GHz	2D Outline Drawing 
VSWR (Max.)	1.15 :1	
Power Rating	2 W	
Durability (Min.)	500 Cycles	
Operating Temperature	-55 °C ~+125 °C	
Connector Type	SMA(Female)	
Body Material	Stainless Steel, Passivated	
Center Conductor	Beryllium Bronze, Gold Plated	
Dielectric	PTFE	

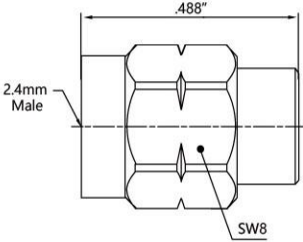
## TM26-02-SM DC~26.5GHz 2W 50Ω SMA Male

Frequency Range	DC~26.5GHz	2D Outline Drawing 
VSWR (Max.)	1.20 :1	
Power Rating	2 W	
Durability (Min.)	500 Cycles	
Operating Temperature	-55 °C ~+125 °C	
Connector Type	SMA(Male)	
Body Material	Stainless Steel, Passivated	
Nut	Stainless Steel, Passivated	
Center Conductor	Copper, Gold Plated	
Dielectric	PTFE	

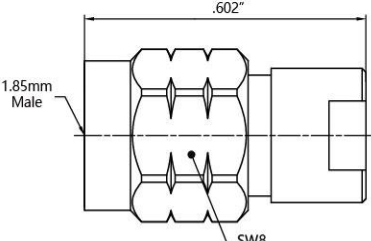
## TM40-01-KM DC~40GHz 1W 50Ω 2.92mm Male

Frequency Range	DC~40GHz	2D Outline Drawing 
VSWR (Max.)	1.20 :1	
Power Rating	1 W	
Durability (Min.)	500 Cycles	
Operating Temperature	-55 °C ~+125 °C	
Connector Type	2.92mm(Male)	
Body Material	Stainless Steel, Passivated	
Nut	Stainless Steel, Passivated	
Center Conductor	Copper, Gold Plated	
Dielectric	PEI	

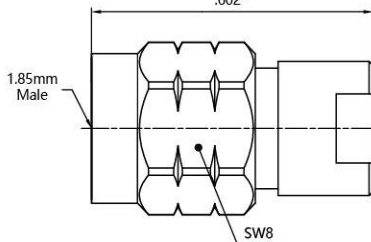
## TM50-01-24M DC~50GHz 1W 50Ω 2.4mm Male

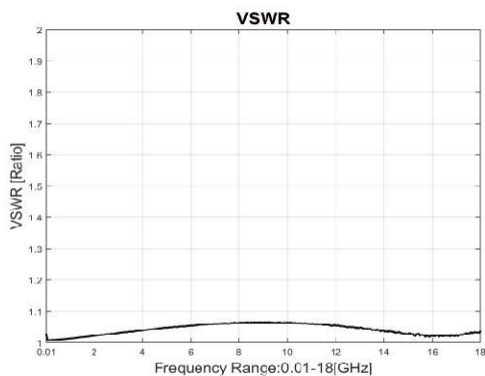
Frequency Range	DC~50GHz	2D Outline Drawing 
VSWR (Max.)	1.25 :1	
Power Rating	1 W	
Durability (Min.)	500 Cycles	
Operating Temperature	-55 °C ~+125 °C	
Connector Type	2.4mm (Male)	
Body Material	Stainless Steel, Passivated	
Nut	Stainless Steel, Passivated	
Center Conductor	Beryllium Bronze, Gold Plated	
Dielectric	PEI	

## TM67-01-185M DC~67GHz 1W 50Ω 1.85mm Male

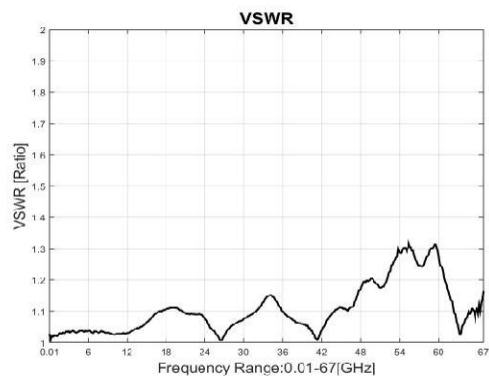
Frequency Range	DC~67GHz	2D Outline Drawing 
VSWR (Max.)	1.40 :1	
Power Rating	1 W	
Durability (Min.)	500 Cycles	
Operating Temperature	-55 °C ~+125 °C	
Connector Type	1.85mm (Male)	
Body Material	Stainless Steel, Passivated	
Nut	Stainless Steel, Passivated	
Center Conductor	Beryllium Bronze, Gold Plated	
Dielectric	PEI	

## TM70-01-185M DC~70GHz 1W 50Ω 1.85mm Male

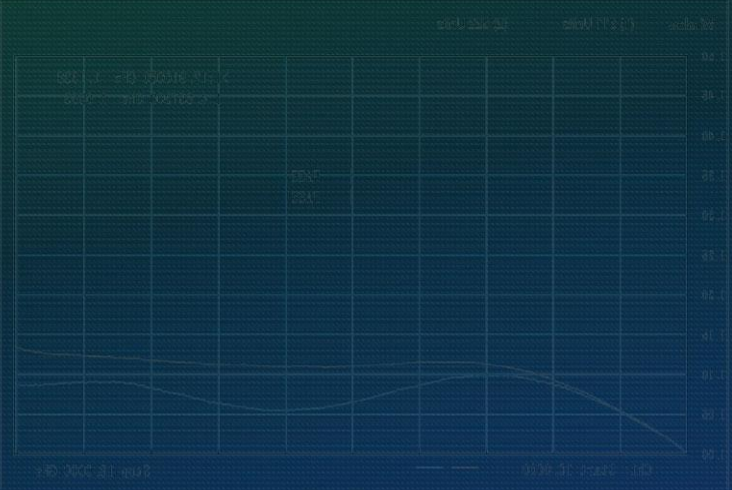
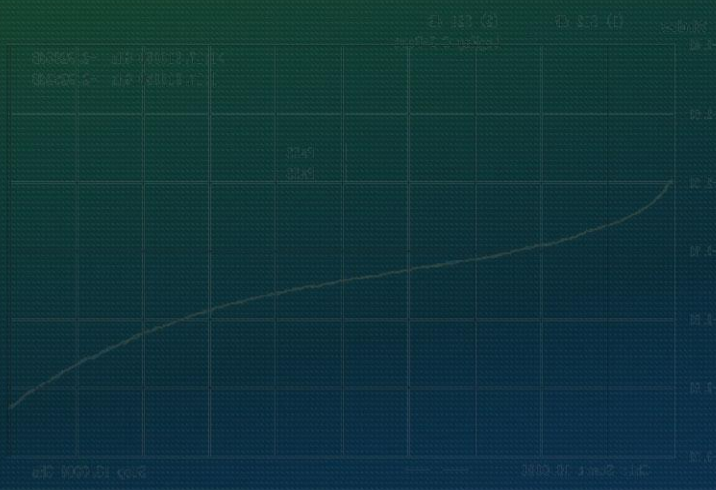
Frequency Range	DC~70GHz	2D Outline Drawing 
VSWR (Max.)	1.50 :1	
Power Rating	1 W	
Durability (Min.)	500 Cycles	
Operating Temperature	-55 °C ~+125 °C	
Connector Type	1.85mm (Male)	
Body Material	Stainless Steel, Passivated	
Nut	Stainless Steel, Passivated	
Center Conductor	Beryllium Bronze, Gold Plated	
Dielectric	PEI	



Test Curve of TM18-02-SF



Test Curve of TM67-01-185M



More Information-  
Scan the QR Code

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