



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

www.micable.cn

Precision Fixed Attenuators

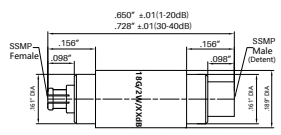
DC~18GHz 2W 50Ω SMA Male - SMA Female

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									

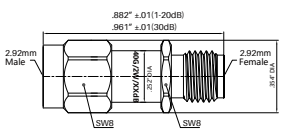
DC~18GHz 2W 50Ω SMA Male - SMA Male

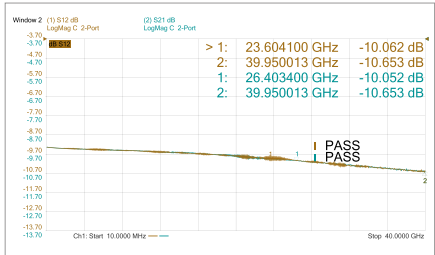
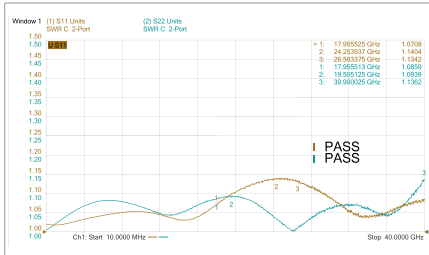
Model	Accuracy (dB)	VSWR ^(:1)			2D Outline Drawing				
		DC-8GHz	8-12.4GHz	12.4-18GHz					
FA18-0201-SMSM	±0.5	≤1.25	≤1.30	≤1.35					
FA18-0202-SMSM									
FA18-0203-SMSM									
FA18-0204-SMSM									
FA18-0205-SMSM									
FA18-0206-SMSM									
FA18-0207-SMSM	-0.5/+0.6					≤1.25	≤1.30	≤1.35	
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					
FA18-0215-SPMF						
FA18-0220-SPMF						
FA18-0230-SPMF						
FA18-0240-SPMF	±1.0					

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

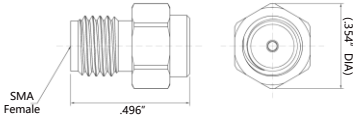
Model	Accuracy (dB)		VSWR ⁽⁻¹⁾			2D Outline Drawing
	DC-26.5GHz	26.5-40GHz	DC-18GHz	18-26.5GHz	26.5-40GHz	
FA40-0201-KMKF	-0.8~-+0.8	-0.8~-+1.0	≤1.25	≤1.30	≤1.35	
FA40-0202-KMKF						
FA40-0203-KMKF						
FA40-0204-KMKF						
FA40-0205-KMKF						
FA40-0206-KMKF						
FA40-0207-KMKF						
FA40-0208-KMKF						
FA40-0209-KMKF						
FA40-0210-KMKF						
FA40-0215-KMKF	-1.0~-+1.3	-1.0~-+1.5				
FA40-0220-KMKF						
FA40-0230-KMKF						
FA40-0240-KMKF						



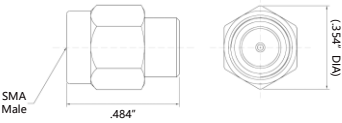
Test Curve of FA40-0210-KMKF

Precision Terminations

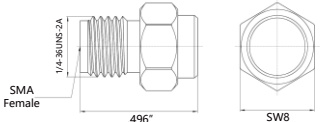
TM18-01-SF DC~18GHz 1W 50Ω SMA Female

Frequency Range	DC~18GHz	2D Outline Drawing 
VSWR (Max.)	1.15 :1	
Power Rating	1 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	

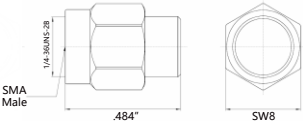
TM18-01-SM DC~18GHz 1W 50Ω SMA Male

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

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	

TM18-02-SM DC~18GHz 2W 50Ω SMA Male

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(Male)	
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	<p>2D Outline Drawing</p>
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	
Center Conductor	Beryllium Bronze,Gold Plated	
Dielectric	PTFE	

TM40-01-KF DC~40GHz 1W 50Ω 2.92mm Female

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

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

Frequency Range	DC~40GHz	<p>2D Outline Drawing</p>
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	
Center Conductor	Copper,Gold Plated	
Dielectric	PEI	

TM40-02-KM DC~40GHz 2W 50Ω 2.92mm Male

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

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

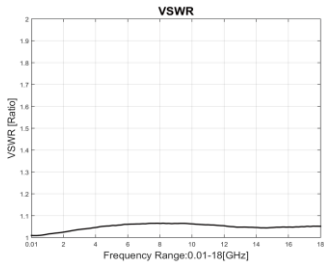
Frequency Range	DC~50GHz	<p>2D Outline Drawing</p>
VSWR (Max.)	1.25 :1	
Power Rating	1 W	
Durability (Min.)	500 Cycles	
Operating Temperature	-55 C ~+125 C	
Connector Type	2.4mm (Male)	
Body Material	Stainless Steel, Passivated	
Center Conductor	Beryllium Bronze, Gold Plated	
Dielectric	PEI	

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

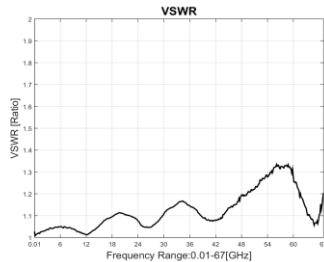
Frequency Range	DC~67GHz	<p>2D Outline Drawing</p>
VSWR (Max.)	1.40 :1	
Power Rating	1 W	
Durability (Min.)	500 Cycles	
Operating Temperature	-55 C ~+125 C	
Connector Type	1.85mm (Male)	
Body Material	Stainless Steel, Passivated	
Center Conductor	Beryllium Bronze, Gold Plated	
Dielectric	PEI	

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

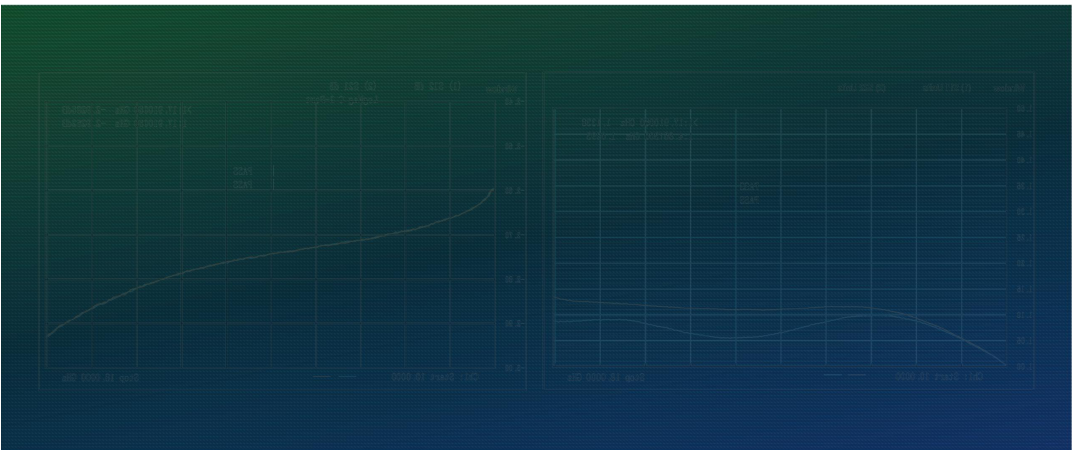
Frequency Range	DC~70GHz	<p>2D Outline Drawing</p>
VSWR (Max.)	1.50 :1	
Power Rating	1 W	
Durability (Min.)	500 Cycles	
Operating Temperature	-55 C ~+125 C	
Connector Type	1.85mm (Male)	
Body Material	Stainless Steel, Passivated	
Center Conductor	Beryllium Bronze, Gold Plated	
Dielectric	PEI	



Test Curve of TM18-02-SF




Test Curve of TM67-01-185M



More Information-
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