MiCable

Precision

Fixed Attenuators/Terminations

- *Ultra-low Leakage, Superior Shielding Effectiveness*
- *Outstanding Attenuation Accuracy, Excellent VSWR*
- *Passivated Stainless Steel, High Reliability*
- *A Variety of Attenuation Values are Available*

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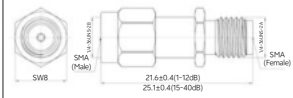
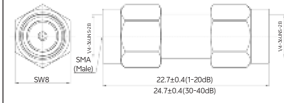
Precision Fixed Attenuators

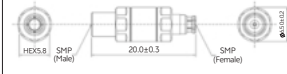
DC~18GHz 2W 50Ω SMA Male - SMA Female

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

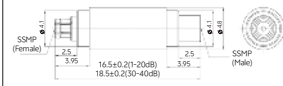
DC~18GHz 2W 50Ω SMA Male - SMA Male

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

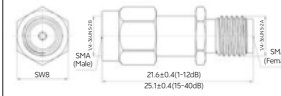
DC~18GHz 2W 50Ω SMP Male - SMP Female

Model	Accuracy (dB)	VSWR (:1)			Outline Drawing
		DC-8GHz	8-12.4GHz	12.4-18GHz	
FA18-0203-PMF	-0.5~+0.5	≤ 1.25	≤ 1.30	≤ 1.35	Unit: mm 
FA18-0206-PMF					
FA18-0210-PMF	-0.5~+0.6				
FA18-0220-PMF					

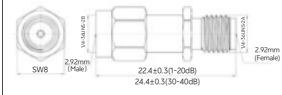
DC~18GHz 2W 50Ω SSMP Male - SSMP Female

Model	Accuracy (dB)	VSWR (-1)			Outline Drawing
		DC-8GHz	8-12.4GHz	12.4-18GHz	
FA18-0201-SPMF	-0.6~+0.6	≤ 1.25	≤ 1.30	≤ 1.35	Unit: mm 
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~+0.8				
FA18-0215-SPMF					
FA18-0220-SPMF					
FA18-0230-SPMF					
FA18-0240-SPMF	-1.0~+1.0				

DC~26.5GHz 2W 50Ω SMA Male - SMA Female

Model	Accuracy (dB)	VSWR (-1)			Outline Drawing
		DC-12GHz	12-18GHz	18-26.5GHz	
FA26-0201-SMSF	-0.4~+0.6	≤ 1.25	≤ 1.30	≤ 1.35	Unit: mm 
FA26-0202-SMSF					
FA26-0203-SMSF					
FA26-0204-SMSF					
FA26-0205-SMSF					
FA26-0206-SMSF					
FA26-0207-SMSF	-0.6~+0.8				
FA26-0208-SMSF					
FA26-0209-SMSF					
FA26-0210-SMSF					
FA26-0215-SMSF					
FA26-0220-SMSF					
FA26-0230-SMSF	-0.8~+1.0				

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

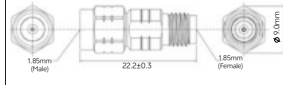
Model	Accuracy (dB)		VSWR (-1)			Outline Drawing
	DC-26.5GHz	26.5-40GHz	DC-8GHz	8-12.4GHz	12.4-18GHz	
FA40-0201-KMKF	-0.8~+0.8	-0.8~+1.0	≤ 1.25	≤ 1.30	≤ 1.35	Unit: mm 
FA40-0202-KMKF						
FA40-0203-KMKF						
FA40-0204-KMKF						
FA40-0205-KMKF						
FA40-0206-KMKF						
FA40-0207-KMKF						
FA40-0208-KMKF						
FA40-0209-KMKF						
FA40-0210-KMKF						
FA40-0215-KMKF						
FA40-0220-KMKF						
FA40-0230-KMKF	-1.0~+1.3	-1.0~+1.5				
FA40-0240-KMKF						

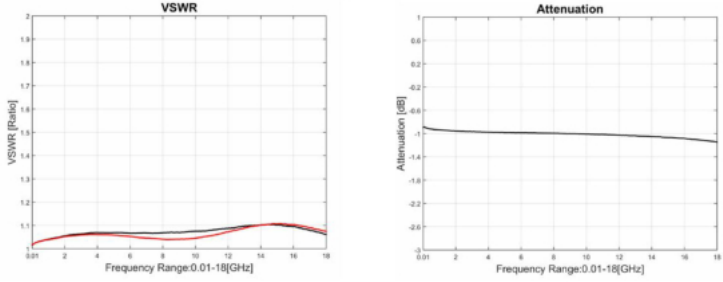
DC~50GHz 2W 50Ω 2.4mm Male - 2.4mm Female

Model	Accuracy(dB)		VSWR(-1)		Outline Drawing
	DC-40GHz	40-50GHz	DC-40GHz	40-50GHz	
FA50-0201-24MF	-1.0~+1.0	-1.0~+1.2	≤ 1.35	≤ 1.40	Unit: mm
FA50-0203-24MF					
FA50-0206-24MF					
FA50-0210-24MF					
FA50-0220-24MF	-1.2~+1.2	-1.2~+1.4			

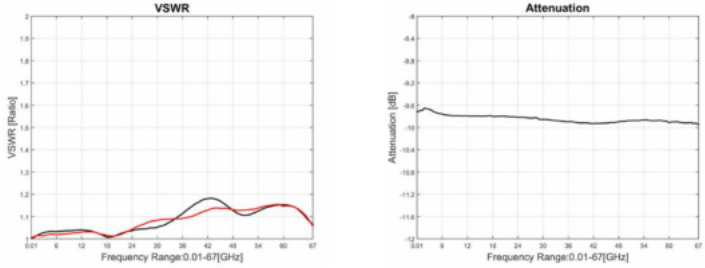
DC~67GHz 1W 50Ω 1.85mm Male - 1.85mm Female

Model	Accuracy(dB)			VSWR(-1)	Outline Drawing
	DC-26.5GHz	26.5-50GHz	50-67GHz	DC-67GHz	
FA67-0101-185MF	-0.75~+0.75	-0.75~+1.25	-0.75~+1.50	≤ 1.50	Unit: mm
FA67-0103-185MF	-0.75~+0.75	-1.25~+1.25	-1.50~+1.50		
FA67-0106-185MF					
FA67-0110-185MF	-0.75~+0.75	-1.25~+1.25	-1.75~+1.75		
FA67-0120-185MF	-1.0~+1.0	-1.75~+1.75	-2.50~+2.50		





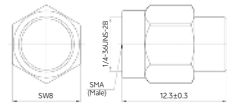
Test Curve of FA18-0201-SMSF



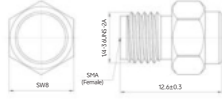
Test Curve of FA67-0110-185MF

Precision Terminations

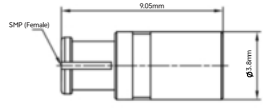
DC~18GHz/DC~26.5GHz 50Ω SMA Male

Model	TM18-01-SM	TM18-02-SM	TM26-02-SM
Power	1W	2W	2W
Frequency Range	DC-18GHz	DC-18GHz	DC-26.5GHz
VSWR (:1) Max.	1.15	1.15	1.20
Durability	≥ 500 Cycles		
Operating Temperature	-55℃ ~+125℃		
Outer Conductor	Stainless steel, passivated		
Center Conductor	BeCu, gold plating		
Dielectric	PTFE		
Outline Drawing	Unit: mm 		

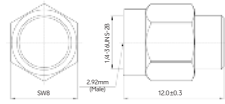
DC~18GHz/DC~26.5GHz 50Ω SMA Female

Model	TM18-01-SF	TM18-02-SF	TM26-02-SF
Power	1W	2W	2W
Frequency Range	DC-18GHz	DC-18GHz	DC-26.5GHz
VSWR (:1) Max.	1.15	1.15	1.20
Durability	≥ 500 Cycles		
Operating Temperature	-55℃ ~+125℃		
Outer Conductor	Stainless steel, passivated		
Center Conductor	BeCu, gold plating		
Dielectric	PTFE		
Outline Drawing	Unit: mm 		

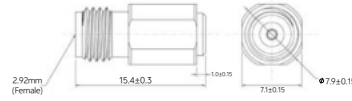
DC~18GHz 50Ω SMP Female

Model	TM18-01-PF
Power	1W
Frequency Range	DC-18GHz
VSWR (:1) Max.	1.20
Durability	≥ 500 Cycles
Operating Temperature	-55℃ ~+125℃
Outer Conductor	BeCu, gold plating
Center Conductor	BeCu, gold plating
Dielectric	PTFE
Outline Drawing	Unit: mm 

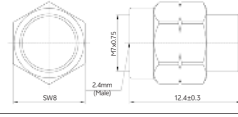
DC~40GHz 50Ω 2.92mm Male

Model	TM40-01-KM	TM40-02-KM
Power	1W	2W
Frequency Range	DC-40GHz	
VSWR (:1) Max.	1.20	
Durability	≥ 500 Cycles	
Operating Temperature	-55℃ ~+125℃	
Outer Conductor	Stainless steel, passivated	
Center Conductor	BeCu, gold plating	
Dielectric	PEI	
Outline Drawing	Unit: mm 	

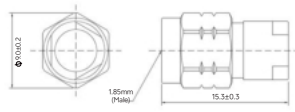
DC~40GHz 50Ω 2.92mm Female

Model	TM40-01-KF	TM40-02-KF
Power	1W	2W
Frequency Range	DC-40GHz	
VSWR (:1) Max.	1.20	
Durability	≥ 500 Cycles	
Operating Temperature	-55℃ ~+125℃	
Outer Conductor	Stainless steel, passivated	
Center Conductor	BeCu, gold plating	
Dielectric	PEI	
Outline Drawing	Unit: mm 	

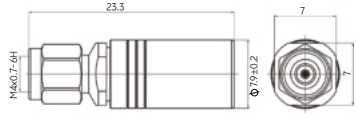
DC~50GHz 50Ω 2.4mm Male

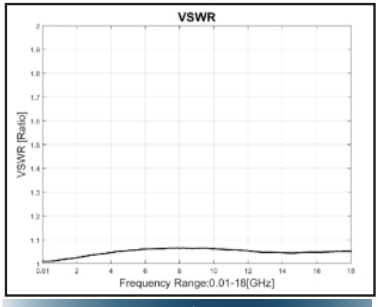
Model	TM50-01-24M
Power	1W
Frequency Range	DC-50GHz
VSWR (:1) Max.	1.25
Durability	≥ 500 Cycles
Operating Temperature	-55℃ ~+125℃
Outer Conductor	Stainless steel, passivated
Center Conductor	BeCu, gold plating
Dielectric	PEI
Outline Drawing	Unit: mm 

DC~67GHz/DC~70GHz 50Ω 1.85mm Male

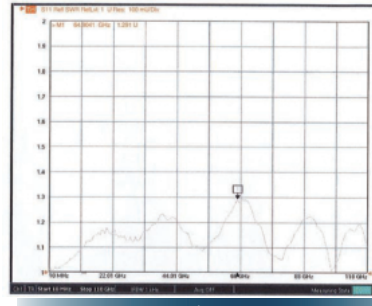
Model	TM67-01-185M	TM70-01-185M
Power	1W	1W
Frequency Range	DC-67GHz	DC-70GHz
VSWR (:1) Max.	1.40	1.50
Durability	≥ 500 Cycles	
Operating Temperature	-55℃ ~+125℃	
Outer Conductor	Stainless steel, passivated	
Center Conductor	BeCu, gold plating	
Dielectric	PEI	
Outline Drawing	Unit: mm 	

DC~110GHz 50Ω 1.0mm Male

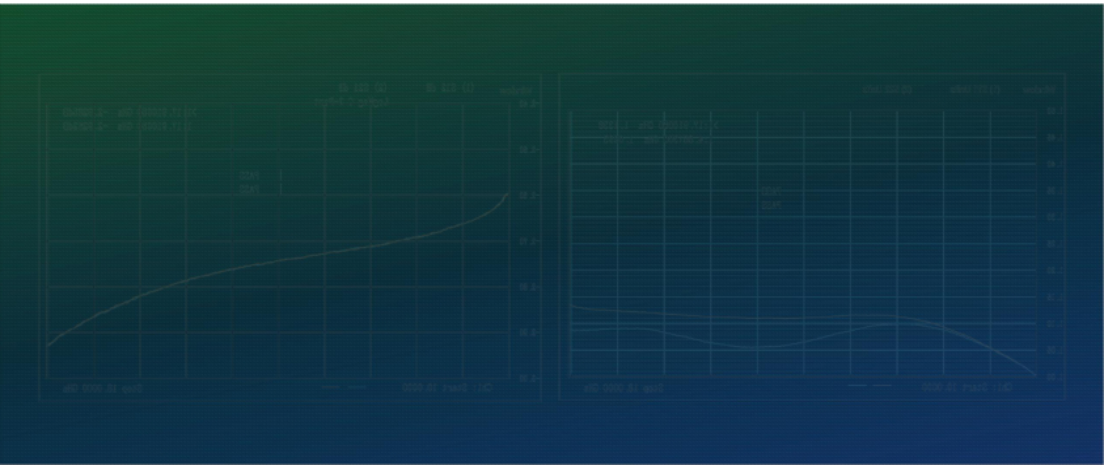
Model	TM110-005-10M
Power	0.5W
Frequency Range	DC-110GHz
VSWR (:1) Max.	1.60
Operating Temperature	-40~+85° C
Outer Conductor	Stainless steel
Center Conductor	Beryllium Copper
Dielectric	PEI
Outline Drawing	Unit: mm 



Test Curve of TM18-02-SF



Test Curve of TM110-005-10M



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