

# ATTENUATORS SMPM

**DC - 18 GHz  
2 WATTS**



MODELS: 6MP-XX, 6MP-XXM, 6MP-XXF, 18MP-XX, 18MP-XXM, 18MP-XXF

## SPECIFICATIONS:

### Electrical:

Frequency Range \_\_\_\_\_ DC - 18 GHz  
 Standard Freq. Values \_\_\_\_\_ 6 & 18 GHz  
 Standard dB Values \_\_\_\_\_ 0-10, 12, 15, 20 & 30 dB  
1 dB Increments

Attenuation Accuracy: DC-6 GHz    6 -18 GHz  
 0 - 6 dB \_\_\_\_\_ ±0.4 dB    \_\_\_\_\_ ±0.6 dB  
 7 - 12 dB \_\_\_\_\_ ±0.6 dB    \_\_\_\_\_ ±0.8 dB  
 13 - 20 dB \_\_\_\_\_ ±0.8 dB    \_\_\_\_\_ ±0.8 dB  
 30 dB \_\_\_\_\_ ±0.8 dB    \_\_\_\_\_ ±1.2 dB

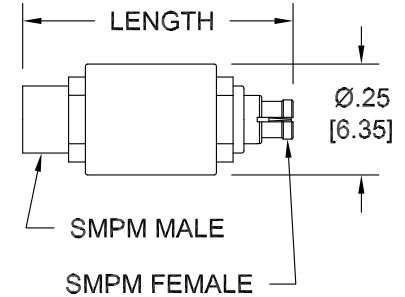
### VSWR:

DC - 18 GHz \_\_\_\_\_ 1.35:1 Max.

Input Power \_\_\_\_\_ 2 Watts Avg. @ 25°C  
DERATED LINEARLY TO 0.5 WATTS @ +85°C

Impedance \_\_\_\_\_ 50 Ohms

Operating Temp. Range \_\_\_\_\_ -65°C to +85°C



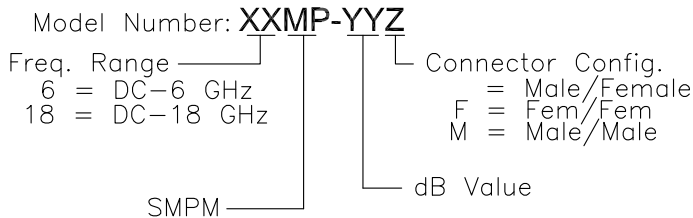
### Mechanical:

Conductors \_\_\_\_\_ Gold Plated Beryllium Copper  
 Barrel \_\_\_\_\_ Passivated Stainless Steel



Connector Configuration	LENGTH			
	0 - 15, 20 dB		30 dB	
	Inches	Millimeters	Inches	Millimeters
Male/Female				
Male/Male	.61±.05	[15.49±1.27]	.74±.05	[18.80±1.27]
Female/Female				

## HOW TO ORDER:



### Ordering Examples:

Model Number: **6MP-20**  
 DC-6 GHz; 20 dB; Male/Fem

Model Number: **18MP-6F**  
 DC-18 GHz; 6 dB; Fem/Fem

Model Number: **18MP-10M**  
 DC-18 GHz; 10 dB; Male/Male

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.  
 Design specifications are subject to change without notice.  
 Contact factory for technical specifications before purchasing or use.