

# SMPM ATTENUATORS

DC - 26.5 GHz, 2 Watts

## SPECIFICATIONS:

Models: XXMP-XX, XXMP-XXM, XXMP-XXF



### Electrical:

Frequency Range \_\_\_\_\_ DC - 26.5 GHz  
 Standard Freq. Values \_\_\_\_\_ 6, 18 & 26.5 GHz  
 Standard dB Values \_\_\_\_\_ 0-13, 20 & 30 dB  
 1 dB Increments

### Attenuation Accuracy:

|            | DC-6 GHz | 6-18 GHz | 18-26.5 GHz |
|------------|----------|----------|-------------|
| 0 - 6 dB   | ±0.4 dB  | ±0.6 dB  | ±0.8 dB     |
| 7 - 12 dB  | ±0.6 dB  | ±0.8 dB  | ±1.2 dB     |
| 13 & 20 dB | ±0.8 dB  | ±0.8 dB  | ±1.2 dB     |
| 30 dB      | ±0.8 dB  | ±1.2 dB  | ±1.2 dB     |

### VSWR:

DC - 18 GHz \_\_\_\_\_ 1.35:1 Max.  
 18 - 26.5 GHz \_\_\_\_\_ 1.50:1 Max.

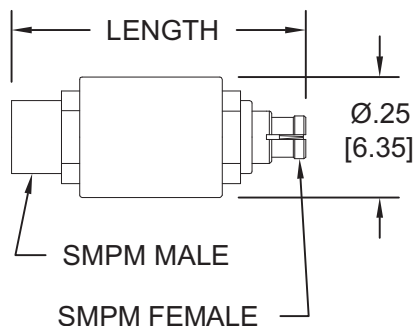
Input Power \_\_\_\_\_ 2 Watts Avg. @ 25°C  
 DERATED LINEARLY TO 0.5 WATTS @ +85°C

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 - 13, 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:

Model Number: **XXMP-YYZ**

|                                                                         |                                                                    |          |
|-------------------------------------------------------------------------|--------------------------------------------------------------------|----------|
| Freq. Range _____<br>6 = DC-6 GHz<br>18 = DC-18 GHz<br>26 = DC-26.5 GHz | Connector Config.<br>= Male/Female<br>F = Fem/Fem<br>M = Male/Male | dB Value |
|-------------------------------------------------------------------------|--------------------------------------------------------------------|----------|

SMPM \_\_\_\_\_

## 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: **26MP-3M**  
 DC-26.5 GHz; 3 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.

26MP-ATT; REV A



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