



# MINIATURE ATTENUATOR PADS 60 S SERIES

DATA SHEET  
No. T77B

- FULL WAVEGUIDE BAND
- ULTRA-FLAT FREQUENCY RESPONSE
- VERY LOW VSWR
- MINIATURE (FLANGE SIZE)



## DESCRIPTION

MEC's Miniature Attenuator Pads feature ultra-flat frequency response and very low VSWR in extremely short flange-size packages. Typical attenuation flatness over the full waveguide band is  $\pm 0.2$  dB ( $\pm 0.3$  dB max.) with typical VSWR of 1.10 (1.15 max.). These minimal-size units are available in 1 dB steps from 1 to 10 dB and are ideal for inclusion in systems where length is critical. Housing is aluminum with chromate conversion and gray epoxy enamel finish.

## SPECIFICATIONS

MODEL NO.	FREQUENCY (GHz)	WAVEGUIDE SIZE	EQUIVALENT FLANGE	INSERTION LENGTH* (IN. MAX.)
H60 S	7.05 – 10.0	WR112	UG-138/U	1.25
W60 S	7.0 – 11.0	WR102	M3922/70-002	1.25
X60 S	8.2 – 12.4	WR90	UG-135/U	1.25
M60 S	10.0 – 15.0	WR75	M3922/53-008	1.00
P60 S	12.4 – 18.0	WR62	UG-1665/U	.75
K60 S	18.0 – 26.5	WR42	UG-597/U	.50
A60 S	26.5 – 40.0	WR28	UG-599/U	.375

Aluminum

\*Length longer if more than 6 dB

## ORDERING INFORMATION

- (1) To specify desired attenuation, add suffix to model number. EXAMPLE: A60 S-3 specifies a 3 dB attenuator in WR28 waveguide operating from 26.5 to 40.0 GHz.
- (2) Special values of attenuation and other waveguide sizes are available on request.

Data subject to change without notice



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