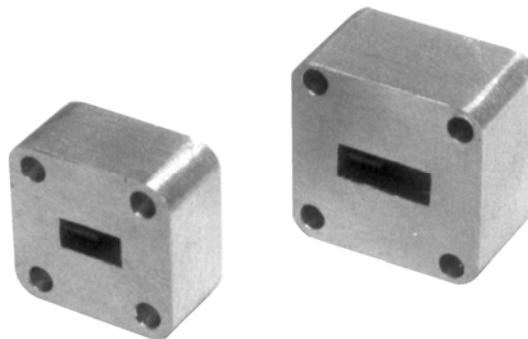




MINIATURE ATTENUATOR PADS 60 S SERIES

**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 ± 0.2 dB (± 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.