



## P-5004 Low Profile WG18 (WR62) Isolator

- \* **Small Size**
- \* **High Performance**
- \* **400MHz Bandwidth**
- \* **Integral Load**
- \* **Cost Effective**



The P-5004 range of low profile WG18 (WR62 / R140) Isolators are ideally suited to applications where space is restricted, but performance cannot be compromised. The integral 1 watt termination does not protrude outside of the body profile.

Typical applications include antenna to receiver matching and LO matching. Similar devices are available from MCSM in WG16 and WG17.

<b>Frequency Range</b>	<b>11.9-18.0GHz with 400MHz Bandwidth</b>	
<b>Isolation</b>	23dB min.	25dB typ.
<b>VSWR</b>	1.16:1 max.	1.12:1 typ.
<b>Insertion Loss</b>	0.4dB max.	0.35dB typ.
<b>Reverse Power</b>	1W CW	
<b>OTR</b>	-20 to +70 degrees Celsius	
<b>Mating Flange</b>	UBR 140 (flange holes 4.1mm dia.)	
<b>Size</b>	41 x 34 x 10.5mm (nom.)	
<b>Finish</b>	Alocrom 1200	
<b>Weight</b>	50 grams	