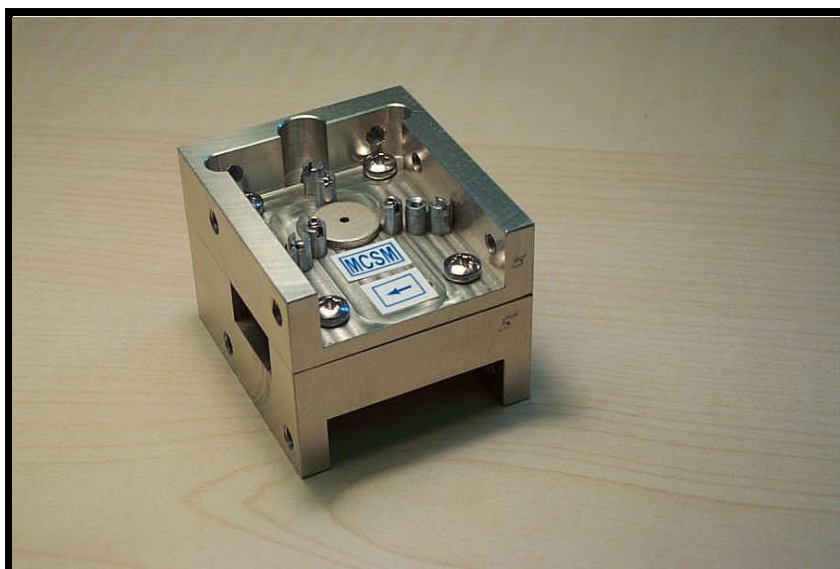




P-0165 WG18 (WR62) Circulator / Isolator



*** High Performance**

*** 3GHz Bandwidth**

*** Compact**

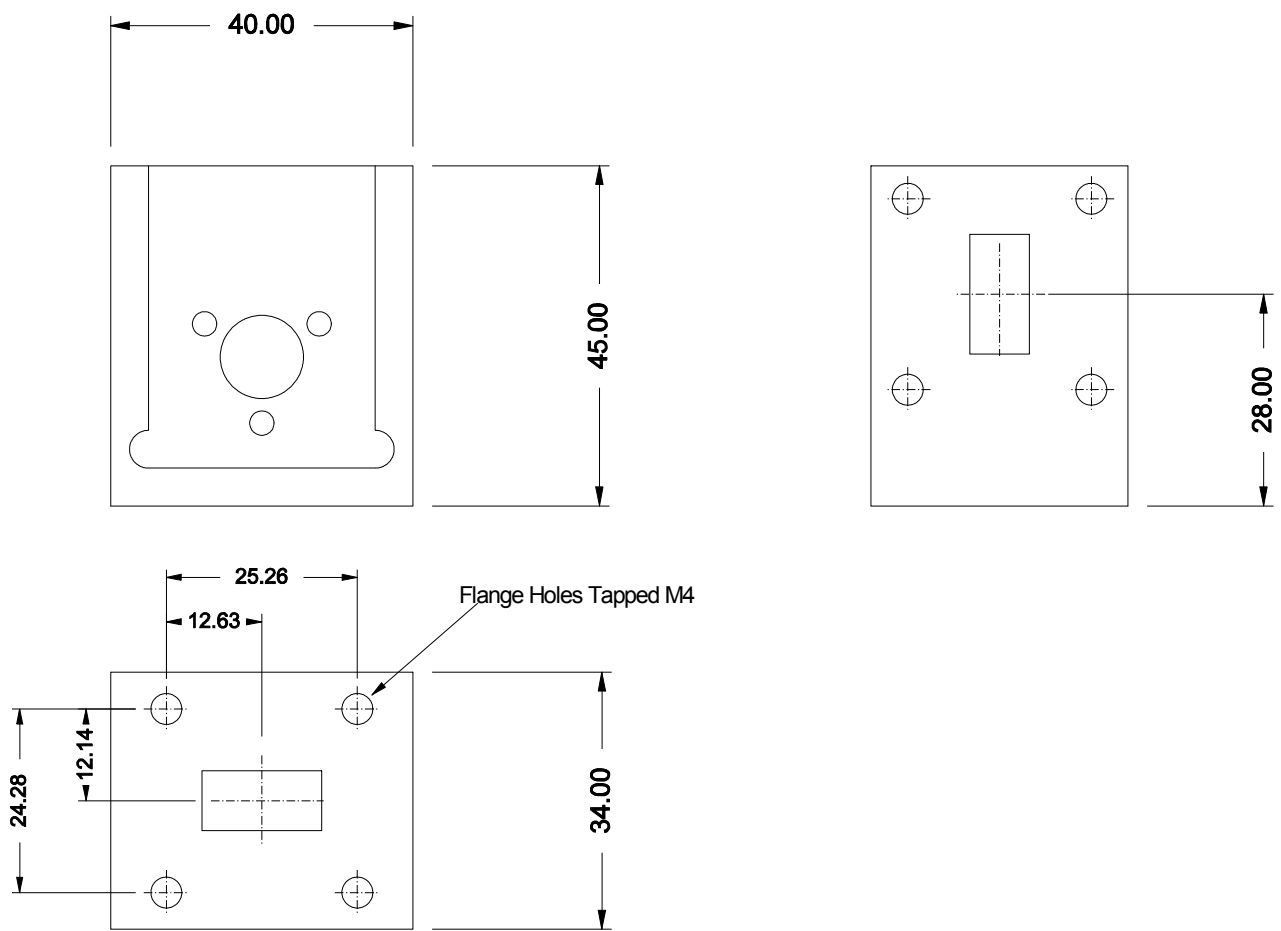
*** Isolator Available**

The P-0165 range of WG18 (WR62 / R140) devices offer excellent performance and power handling characteristics. The standard flange is tapped M4, but UNC or clear options are available. The Isolator version can be fitted with a termination to any of the 3 ports, typically up to 100W (higher powers are available).

Typical applications include Tx/Rx/Antenna Diplexer and PA output protection.

Frequency Range	11.9 - 18 GHz with 3GHz Bandwidth	
Isolation	20dB min.	22dB typ.
VSWR	1.2:1 max.	1.17:1 typ.
Insertion Loss	0.3dB max.	0.2dB typ.
Power Handling	250W CW	
OTR	-10 to +60 degrees Celsius	
Mating Flange	UBR 140 (flange holes tapped M4)	
Size	40 x 34 x 45 mm (nom.)	
Finish	Alocrom 1200	
Weight	90 grams (nom.)	

P-0165 Waveguide 18 Circulator Mechanical Outline



Scale 1:1 Dimensions:mm