

WTS151: Step Transition from WR340 to WR284 Waveguides

General Description

WTS151 is a precision-milled step transition between WR340 (R26) waveguide and WR284 (R32) waveguide with an extension on the R26 port. This extension enables the use of standard M6 bolts with nuts to attach the transition to HOMER Analyzers, Autotuners, or other components.

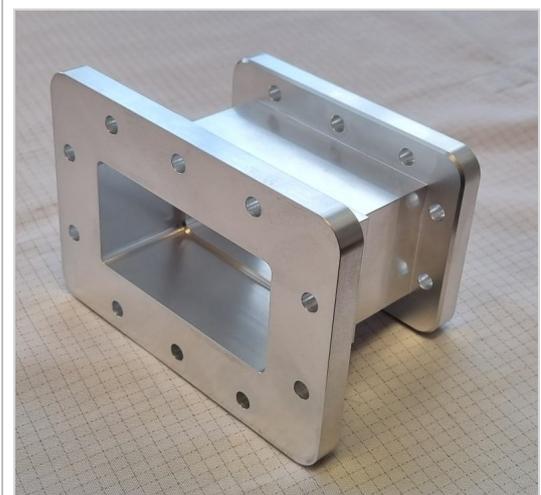


Fig. 1. WTS151 step transition.

Specifications

Frequency range	2200 – 2700 MHz
Port 1 waveguide type	WR340 (R26)
Port 2 waveguide type	WR284 (R32)
Transition type	Step
Flange types	IEC
Return loss (2425 – 2475 MHz)	> 30 dB
Peak working power	30 kW
Dimensions (L x W x H)	85 x 138.2 x 95.2 mm
Mass	580 g

Dimensional Drawing

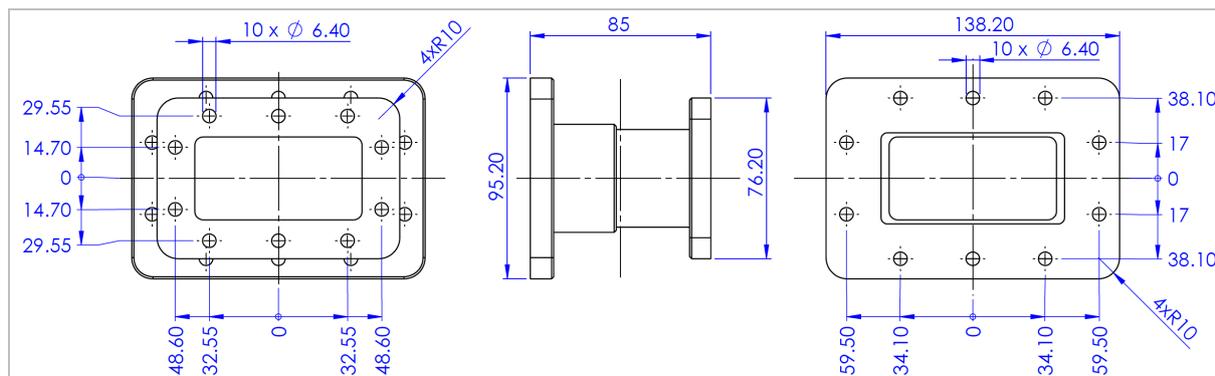


Fig. 2. Basic WTS151 dimensions in millimeters.