

WTS141: Step Transition from WR340 to WR430 Waveguide

General Description

WTS141 is a precision-milled step transition between WR340 (R26) and WR430 (R22) waveguides. Designed with the shortest possible length, it is intended for applications where space restrictions are critical. Both waveguide faces are fitted with M6 threaded holes.

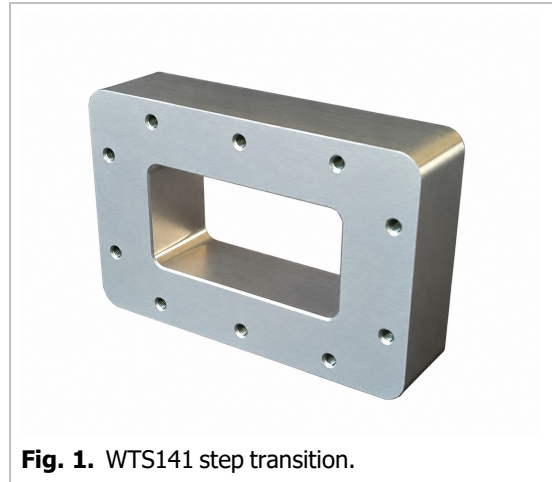


Fig. 1. WTS141 step transition.

Specifications

Frequency range	2200 – 2600 MHz
Port 1 waveguide type	WR340 (R26)
Port 2 waveguide type	WR430 (R22)
Transition type	Net Step
Flange types	IEC
Return loss (2425 – 2475 MHz)	> 30 dB
Peak working power	30 kW
Dimensions (L x W x H)	39.6 x 161.0 x 106.4 mm
Mass	1270 g

Dimensional Drawing

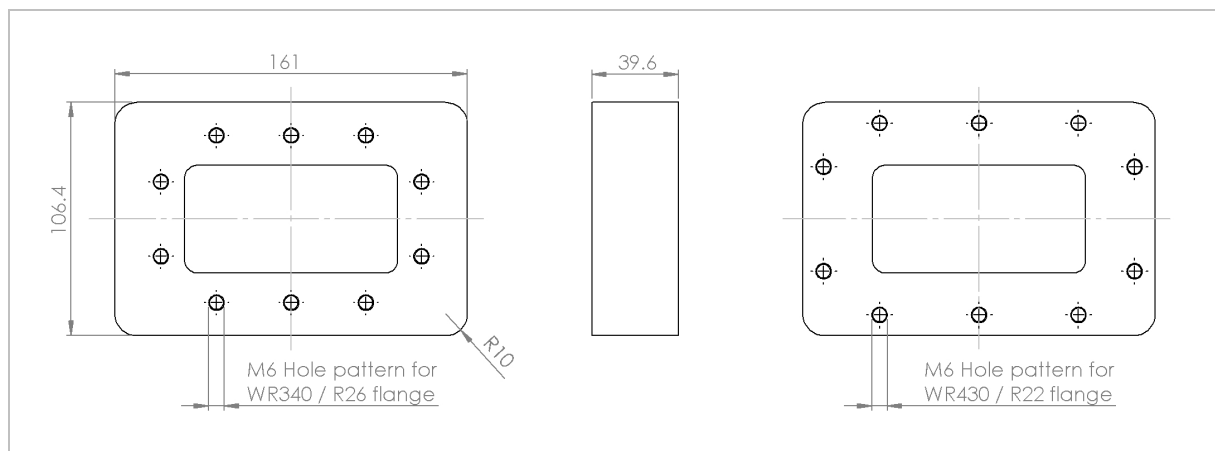


Fig. 2. Basic WTS141 dimensions in millimeters.