

Double Ridge Waveguide Short

A series of waveguide offset shorts which provide high reflection short circuits. Waveguide offset shorts are available with a standard 1/8, 1/4, and 3/8 shorting distance, designed close to the center frequency of each waveguide size.

Feature:

-Low cost, Fast delivery

Application :

- For T&M -Other applications

Technical Specifications :

Frequency (GHz) up to 40GHz

Mechanical Specifications :

Material Al/Cu

Enviromental Specifations :

Operating Temperature -20~+70

Types:



Outline Drawing:

Model List :

Waveguide E.I.A.	Freq. (GHz)	Material
WRD84	0.84-2.0	Al/Cu
WRD200	2.0-4.8	Al/Cu
WRD250	2.6-7.8	Al/Cu
WRD350	3.5-8.2	Al/Cu
WRD475	4.75-11.0	Al/Cu
WRD580	5.8-16.0	Cu/Al
WRD650	6.5-18.0	Cu
WRD750	7.5-18.0	Cu
WRD110	11.0-26.5	Cu/Al
WRD180	18.0-40.0	Cu/Al

Test curve :

Note:

1. We also offer 1/8 and 3/8 wavelength double-ridged waveguide Offset Short, their phase difference of 180 °. This series of waveguide Offset Short can reduce the number of flanges and to maintain the current size and stable in calibration.

There is also provided a 1/4 wavelength double-ridged waveguide Offset Short . These rectangular waveguide 1/4 wavelength is close to the waveguide by the center frequency is calculated. In order to keep sideband phase, so it will not come to select the center frequency 1/4 wavelength

2.You could choose Flange type

Other values and sizes can be designed to your requirement. Please call us with your specification and discuss your needs with one of our design engineers



SatelliteDish.com ®

(954) 941-8883