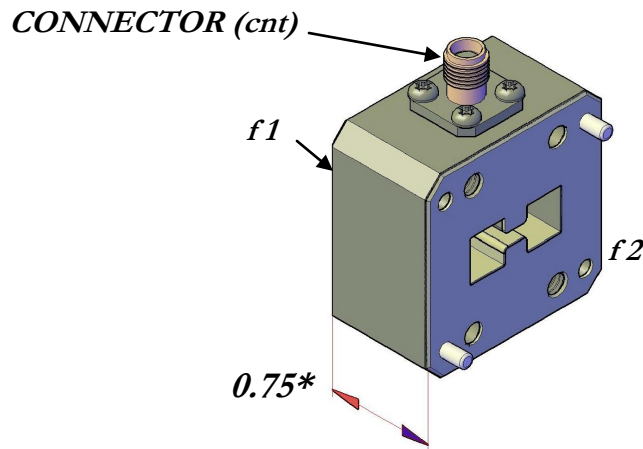




Double Ridge Waveguide Power Flange Sampler



Model	WRD #	Frequency (GHz)
DSFP180-	180	18.00 - 40.00
DSFP110-	110	11.00 - 26.50
DSFP750-	750	7.50 - 18.00
DSFP650-	650	6.50 - 18.00
DSFP580-	580	5.80 - 16.00

Model	WRD #	Frequency (GHz)
DSFP500-	500	5.00 - 18.00
DSFP475-	475	4.75 - 11.00
DSFP350-	350	3.50 - 8.20
DSFP250-	250	2.60 - 7.80
DSFP200-	200	2.00 - 4.80

Space Machine offers a standard product line of double ridge power flange samplers covering waveguide sizes WRD180 thru WRD200. These devices are used for monitoring power when directivity is not a concern. Main line VSWR is held to 1.15:1 maximum over the full waveguide band, while coupling is held to ± 1 dB.

Additional sizes and configurations are available upon request.

* *When a Type N connector is required, thickness will be 1.00".*

Ordering Information:

Double Ridge Waveguide Power Flange Sampler, WRD650, Aluminum, 40dB Coupling, SMA Female, Cover flanges, Chromate, Paint Space Machine Gray.

Example part number:

DSFP wrd -m c cnt -f1 f2 -p f
 DSFP 650 -A 40 SF -01 01 -C P

Series (DSFP):

Waveguide Size (wrd): WRD180 thru WRD200

Material (-m): A – Aluminum

Coupling (c): 30 - 60 dB

Connector (cnt): See [Appendix E](#)

Flange (-f1 f2): See [Appendix H](#)

Plating (-p): C – Chromate, S – Silver, G – Gold, O – Other, N – None

Finish (f): P – Paint Space Machine Gray, N – None, O – Other