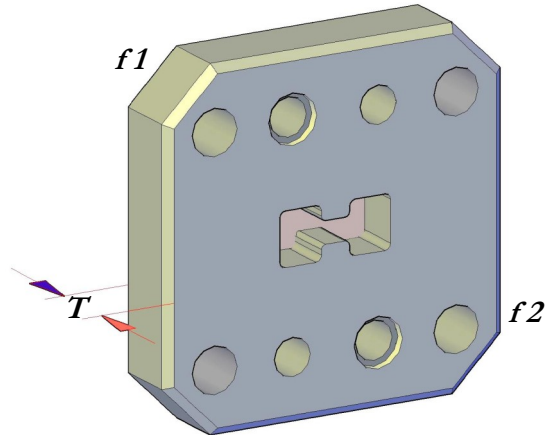


## *Teflon/Fiberglass Double Ridge Waveguide Pressure Windows*



Model	WRD #	Frequency (GHz)	Avg. Power (W)	Thickness (T <sup>o</sup> )	Model	WRD #	Frequency (GHz)	Avg. Power (W)	Thickness (T <sup>o</sup> )
DPWT180-	180	18.00 - 40.00	50	0.38	DPWT500-	500	5.00 - 18.00	280	0.38
DPWT110-	110	11.00 - 26.50	70	0.38	DPWT475-	475	4.75 - 11.00	400	0.38
DPWT750-	750	7.50 - 18.00	100	0.38	DPWT350-	350	3.50 - 8.20	500	0.38
DPWT650-	650	6.50 - 18.00	100	0.38	DPWT250-	250	2.60 - 7.80	750	0.38
DPWT580-	580	5.80 - 16.00	150	0.38	DPWT200-	200	2.00 - 4.80	1000	0.38

Space Machine offers a standard product line of teflon / fiberglass double ridge pressure windows covering waveguide sizes WRD180 thru WRD200. VSWR is 1.15:1 maximum, while insertion loss is 0.1dB maximum over the full waveguide bandwidth. Pressure handling capability is 20 PSI minimum, however higher capacities up to 30 PSI are usually obtained. Please specify pressure requirements when ordering. Additional sizes and configurations are available upon request.

### **Ordering Information:**

**Teflon / Fiberglass Double Ridge Pressure Window, WRD750, Aluminum, Cover Flanges, Chromated, Paint Space Machine Gray.**

**Example part number:**

DPWT	wrd	-m	f1 f2	-p	f
DPWT	750	-A	01 01	-C	P

Series (DPWT):

Waveguide Size (wrd): WRD180 thru WRD200

Flange Material (-m): A – Aluminum

Flanges (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