

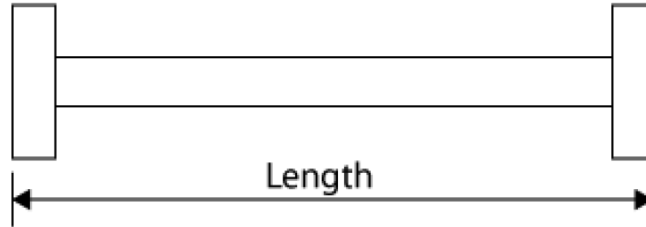


Model Number:
197117 / 197118

RF Components

Ka-Band Waveguide Flexible Twist

WG21 / WR34 / R260 (22-33 GHz)



Waveguide

Specification						
WGB-	197117			197118		
Waveguide Size	WG21 / WR34 / R260					
Frequency Range	22-33 GHz					
Core Material / Jacket Material	Silver Plated Brass / Silicone Rubber					
Flange Options (Abbreviations)	UG 1530/U Choke/Groove (UG) / UG 1530/U Flat (UF) / UG 1530/U Seal/Groove (US) CBR 260 (CB) / PBR 260 (PB) / UBR 260 (UB)					
Flange Material/Finish	Brass / No Plating (standard)			Brass / Tin Plated		
	≤600mm	≤1000mm	≤2000mm	≤600mm	≤1000mm	≤2000mm
Insertion Loss (dB) (max)	0.9	1.5	3	0.9	1.5	3
Return Loss (dB) (min)	20	19	17	20	19	17
Min E-Plane Bend Radius (Static)	24 mm / 0.9 inches					
Min H-Plane Bend Radius (Static)	48 mm / 1.9 inches					
Maximum Twist (Static)	630 Deg/m or 192 Deg/ft					
Min E-Plane Bend Radius (Repeated)	96 mm / 3.8 inches					
Min H-Plane Bend Radius (Repeated)	192 mm / 7.6 inches					
Maximum Twist (Repeated)	157 Deg/m or 47.9 Deg/ft					
Peak Power	31 Kw					
Average (CW) Power	85 W					

Model Numbers					
Example: WGB-0500-197117-CGCF					
WG	B	0500	197117	CG	CF
Waveguide	B- Brass	Length (mm)	Model Number	Flange 1	Flange 2

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport

