

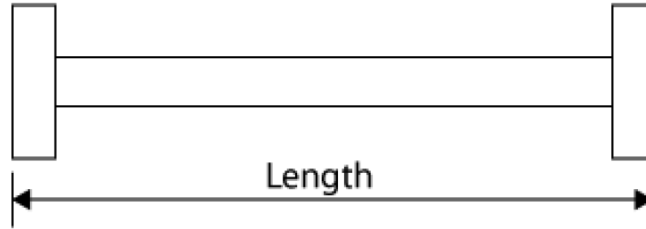


Model Number:
197109 / 197110

RF Components

Ku-Band Waveguide Flexible Twist

WG16 / WR90 / R100



Waveguide

Specification						
WGB-	197109			197110		
Waveguide Size	WG16 / WR90 / R100					
Frequency Range	8.2—12.4 GHz					
Core Material / Jacket Material	Silver Plated Brass / Silicone Rubber					
Flange Options (Abbreviations)	UG 40B/U (UG) / UG39/U (UF) CPR 90G (CG) / CPR 90F (CF) CBR 100 (CB) / PDR 100 (PD) PBR 100 (PB) / UDR 100 (UD) UBR 100 (UB) / UG 39/U (UG)					
Flange Material/Finish	Brass / No Plating (standard)			Brass / Tin Plated		
	≤600mm	≤1000mm	≤2000mm	≤600mm	≤1000mm	≤2000mm
Insertion Loss (dB) (max)	0.24	0.4	0.8	0.24	0.4	0.8
Return Loss (dB) (min)	26.1	26.0	24.0	26.1	26.0	24.0
Min E-Plane Bend Radius (Static)	66 mm / 2.6 inches					
Min H-Plane Bend Radius (Static)	132 mm / 5.2 inches					
Maximum Twist (Static)	315 Deg/m or 96.0 Deg/ft					
Min E-Plane Bend Radius (Repeated)	264 mm / 10.4 inches					
Min H-Plane Bend Radius (Repeated)	528 mm / 20.8 inches					
Maximum Twist (Repeated)	76 Deg/m or 23.2 Deg/ft					
Peak Power	220 kW					
Average (CW) Power	1 kW					

Model Numbers					
Example: WGB-0500-197109-CGCF					
WG	B	0500	197109	CG	CF
Waveguide	B- Brass	Length (mm)	Model Number	Flange 1	Flange 2

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport

