

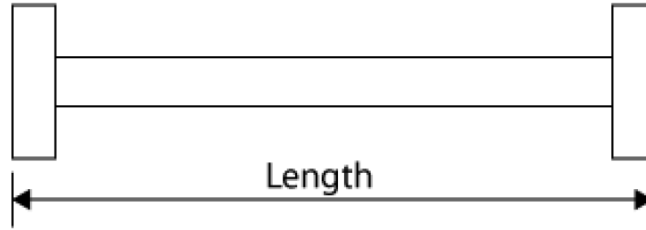


Model Number:
197107 / 197108

RF Components

C-Band Waveguide Flexible Twist

WG13 / WR159 / R58 (4.9-7.05GHz)



Waveguide

Specification						
WGB-	197107			197108		
Waveguide Size	WG13 / WR159 / R58					
Frequency Range	4.9 - 7.05 GHz					
Core Material / Jacket Material	Silver Plated Brass / Silicone Rubber					
Flange Options (Abbreviations)	CPR 159G (CG) / CPR 159F (CF) PDR 58 (PD) / UDR 58 (UD) UAR 58 (UA) / PAR 58 (PA)					
Flange Material/Finish	Brass / No Plating (standard)			Brass / Tin Plated		
	≤600mm	≤1000mm	≤2000mm	≤600mm	≤1000mm	≤2000mm
Insertion Loss (dB) (max)	0.108	0.18	0.36	0.108	0.18	0.36
Return Loss (dB) (min)	28.3	27.8	25.8	28.3	27.8	25.8
Min E-Plane Bend Radius (Static)	116 mm / 4.6 inches					
Min H-Plane Bend Radius (Static)	232 mm / 9.1 inches					
Maximum Twist (Static)	185 Deg/m or 56.4 Deg/ft					
Min E-Plane Bend Radius (Repeated)	464 mm / 18.3 inches					
Min H-Plane Bend Radius (Repeated)	928 mm / 36.5 inches					
Maximum Twist (Repeated)	45 Deg/m or 13.7 Deg/ft					
Peak Power	600 kW					
Average (CW) Power	2.5 kW					

Model Numbers					
Example: WGB-0500-197107-CGCF					
WG	B	0500	197107	CG	CF
Waveguide	B- Brass	Length (mm)	Model Number	Flange 1	Flange 2

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport

