

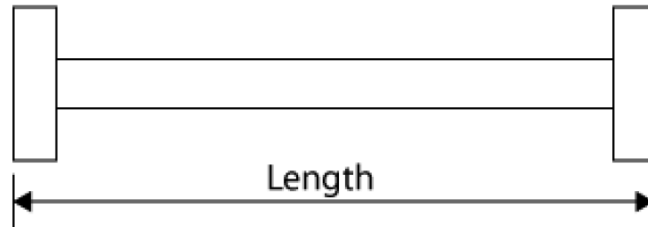


Model Number:
197101 / 197102

RF Components

C-Band Waveguide Flexible Twist

WG11 / WR229 / R40 (3.3 - 4.9 GHz)



Waveguide

Specification						
WGB	197101			197102		
Waveguide Size	WG11 / WR229 / R40					
Frequency Range	3.30 - 4.90 GHz					
Core Material / Jacket Material	Silver Plated Brass / Silicone Rubber					
Flange Options (Abbreviations)	CPR 229G (CG) / CPR 229F (CF) PDR 40 (PD) / UDR 40 (UD)					
Flange Material/Finish	Brass / No Plating (standard)			Brass / Tin Plated		
	≤600mm	≤1000mm	≤2000mm	≤600mm	≤1000mm	≤2000mm
Insertion Loss (dB) (max)	0.09	0.15	0.3	0.09	0.15	0.3
Return Loss (dB) (min)	29.5	28.8	26.8	29.5	28.8	26.8
Min E-Plane Bend Radius (Static)	166 mm / 6.5 inches					
Min H-Plane Bend Radius (Static)	332 mm / 13.1 inches					
Maximum Twist (Static)	130 Deg/m or 39.6 Deg/ft					
Min E-Plane Bend Radius (Repeated)	654 mm / 25.7 inches					
Min H-Plane Bend Radius (Repeated)	1328 mm / 52.3 inches					
Maximum Twist (Repeated)	35 Deg/m or 10.7 Deg/ft					
Peak Power	1.8 MW					
Average (CW) Power	4 kW					

Model Numbers					
Example: WGB-0500-197101-CGCF					
WG	B	0500	197101	CG	CF
Waveguide	B- Brass	Length (mm)	Model Number	Flange 1	Flange 2

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport

