

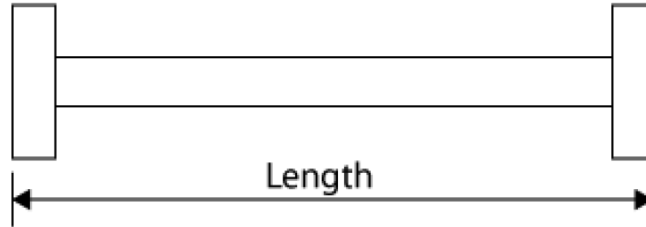


Model Number:
197029 / 197116

RF Components

Ku-Band Waveguide Flexible Twist

WG20 / WR42 / R220 (17.7-26.5 GHz)



Waveguide

Specification						
WGB-	197029			197116		
Waveguide Size	WG20 / WR42 / R220					
Frequency Range	17.7-26.5 GHz					
Core Material / Jacket Material	Silver Plated Brass / Silicone Rubber					
Flange Options (Abbreviations)	UG 596A/U (UG) / UG 595/U (UF) CBR 220 (CB) / PBR 220 (PB) UG 595/U (US) / UBR 220 (UB)					
Flange Material/Finish	Brass / No Plating (standard)			Brass / Tin Plated		
	≤600mm	≤1000mm	≤2000mm	≤600mm	≤1000mm	≤2000mm
Insertion Loss (dB) (max)	0.72	1.2	2.4	0.72	1.2	2.4
Return Loss (dB) (min)	21.1	20.1	18.1	21.1	20.1	18.1
Min E-Plane Bend Radius (Static)	30 mm / 1.2 inches					
Min H-Plane Bend Radius (Static)	60 mm / 2.4 inches					
Maximum Twist (Static)	630 Deg/m or 192 Deg/ft					
Min E-Plane Bend Radius (Repeated)	120 mm / 4.7 inches					
Min H-Plane Bend Radius (Repeated)	240 mm / 9.4 inches					
Maximum Twist (Repeated)	157 Deg/m or 47.9 Deg/ft					
Peak Power	45 Kw					
Average (CW) Power	100 W					

Model Numbers					
Example: WGB-0500-197029-CGCF					
WG	B	0500	197029	CG	CF
Waveguide	B- Brass	Length (mm)	Model Number	Flange 1	Flange 2

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport

