

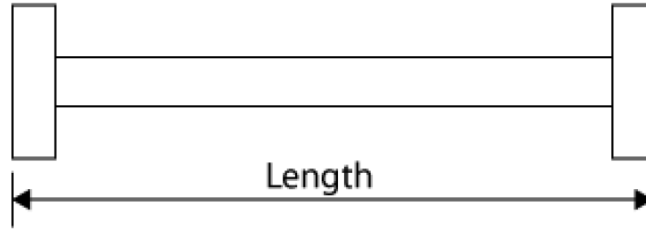


Model Number:
197119 / 197120

RF Components

Ka-Band Waveguide Flexible Twist

WG22 / WR28 / R320 (26.50 - 40 GHz)



Waveguide

Specification						
WGB-	197119			197120		
Waveguide Size	WG22 / WR28/ R320					
Frequency Range	26.5-40 GHz					
Core Material / Jacket Material	Silver Plated Brass / Silicone Rubber					
Flange Options (Abbreviations)	UG Flat (UF) / UG Seal (US) / UG Choke (UG) PBR Grooved (PB) / UBR Flat (UB) CBR Grooved (CB)					
Flange Material/Finish	Brass / No Plating (standard)			Brass / Tin Plated		
	≤600mm	≤1000mm	≤2000mm	≤600mm	≤1000mm	≤2000mm
Insertion Loss (dB) (max)	1.2	2.1	4	1.2	2	4
Return Loss (dB) (min)	16.7	16.1	14.1	16.7	16.1	14.1
Min E-Plane Bend Radius (Static)	20 mm / 0.8 inches					
Min H-Plane Bend Radius (Static)	40 mm / 1.6 inches					
Maximum Twist (Static)	920 Deg/m or 280.4 Deg/ft					
Min E-Plane Bend Radius (Repeated)	80 mm / 3.1 inches					
Min H-Plane Bend Radius (Repeated)	160 mm / 6.2 inches					
Maximum Twist (Repeated)	230 Deg/m or 70.1 Deg/ft					
Peak Power	22 kW					
Average (CW) Power	75 W					

Model Numbers					
Example: WGB-0200-197119-UFUS					
WG	B	0200	197119	UF	US
Waveguide	B- Brass	Length (mm)	Model Number	Flange 1	Flange 2

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport

