

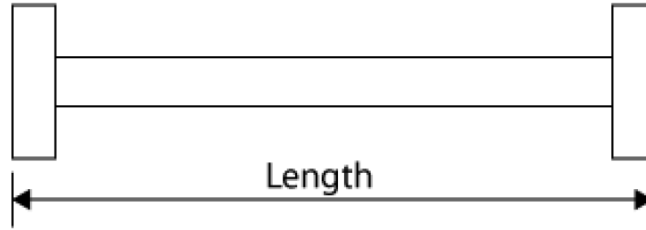


Model Number:  
197111 / 197112

RF Components

# Ku-Band Waveguide Flexible Twist

WG17 / WR75 / R120 (10-15 GHz)



# Waveguide

Specification								
WGB-	197111				197112			
Waveguide Size	WG17 / WR75 / R120							
Frequency Range	10-15 GHz							
Core Material / Jacket Material	Silver Plated Brass / Silicone Rubber							
Flange Options (Abbreviations)	UG MIL 59D (UG) / UG MIL 53C-007 (UF) / UG MIL 53C-007 (US) CBR 120 (CB) / PBR 120 (PB) / UBR 120 (UB) PDR 120 (PD) / UDR 120 (UD)							
Flange Material/Finish	Brass / No Plating (standard)				Brass / Tin Plated			
	≤600mm	≤1000mm	≤2000mm	≤2500mm	≤600mm	≤1000mm	≤2000mm	≤2500mm
Insertion Loss (dB) (max)	0.3	0.5	1.0	1.25	0.3	0.5	1.0	1.25
Return Loss (dB) (min)	26	25.4	23.4	23.4	26	25.4	23.4	23.4
Min E-Plane Bend Radius (Static)	54 mm / 2.1 inches							
Min H-Plane Bend Radius (Static)	108 mm / 4.3 inches							
Maximum Twist (Static)	365 Deg/m or 111.3 Deg/ft							
Min E-Plane Bend Radius (Repeated)	216 mm / 8.5 inches							
Min H-Plane Bend Radius (Repeated)	432 mm / 17.0 inches							
Maximum Twist (Repeated)	92 Deg/m or 28.0 Deg/ft							
Peak Power	180 Kw							
Average (CW) Power	750 W							

Model Numbers					
Example: WGB-0500-197111-CGCF					
WG	B	0500	197111	CG	CF
Waveguide	B- Brass	Length (mm)	Model Number	Flange 1	Flange 2

## Broadcast



## Marine Oil & Gas



## SNG & VSAT



## Satellite Teleport

