

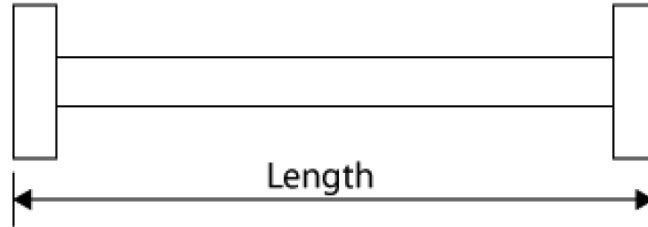


Model Number:
197048 / 197106

RF Components

Ku-Band Waveguide Flexible Twist

WG18 / WR62 / R140 (12.4 - 18.0 GHz)



Waveguide

Specification						
WGB-	197048			197106		
Waveguide Size	WG18 / WR62 / R140					
Frequency Range	12.4 - 18.0 GHz					
Core Material / Jacket Material	Silver Plated Brass / Silicone Rubber					
Flange Options (Abbreviations)	UG 541A/U (UG) / UG 419/U (UF) / UG 419/U (US) CBR 140 (CB) / PBR 140 (PB) / UBR 140 (UB) PDR 140 (PD) / UDR 140 (UD)					
Flange Material/Finish	Brass / No Plating (standard)			Brass / Tin Plated		
	≤600mm	≤1000mm	≤2000mm	≤600mm	≤1000mm	≤2000mm
Insertion Loss (dB) (max)	0.5	0.8	1.6	0.5	0.8	1.6
Return Loss (dB) (min)	25.4	25	23	25.4	25	23
Min E-Plane Bend Radius (Static)	46 mm / 1.8 inches					
Min H-Plane Bend Radius (Static)	92 mm / 3.6 inches					
Maximum Twist (Static)	445 Deg/m or 135.6 Deg/ft					
Min E-Plane Bend Radius (Repeated)	184 mm / 7.2 inches					
Min H-Plane Bend Radius (Repeated)	368 mm / 14.5 inches					
Maximum Twist (Repeated)	112 Deg/m or 34.1 Deg/ft					
Peak Power	120 Kw					
Average (CW) Power	400 W					

Model Numbers					
Example: WGB-0500-197048-UBPB					
WG	B	0500	197048	UB	PB
Waveguide	B- Brass	Length (mm)	Model Number	Flange 1	Flange 2

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport

