

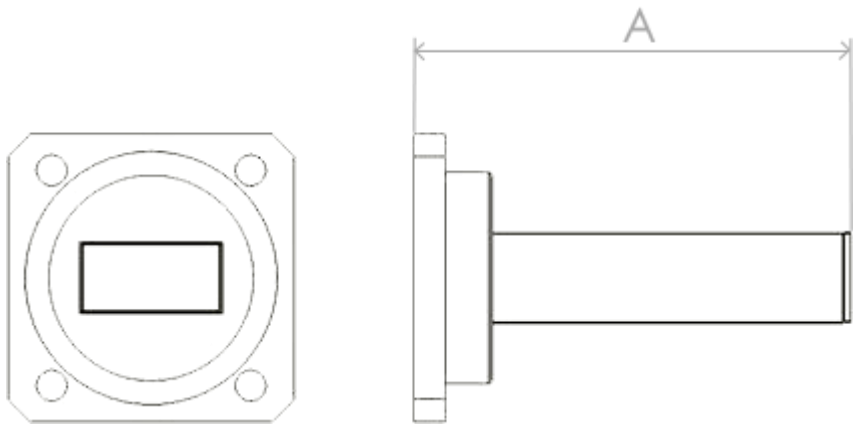


RF Components

Model Number:
WGLX-XXXX-197123-XX

Ka-Band Waveguide Load

26.5-40 GHz



Specification	
Waveguide Size	WG22 / WR28 / R320
Flanges	UG 40B/U (UG) / UG39/U (UF) CBR 100 (CB) / PBR 100 (PB) UBR 100 (UB) / UG39/U (US)
Flange Material/Finish	Brass (B) / Aluminium (A)
Frequency Range	26.5-40 GHz
VSWR / Return Loss	1:05:1 / 32.2 dB
Length (A)	75mm
Power Handling	5W

Model Numbers Example WGLA-0005-197123-PB				
WGL	A	0005	197123	CG
Waveguide Load / Termination	A—Aluminium B— Brass	Power Handling (W)	Model Number	Waveguide Flange

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport



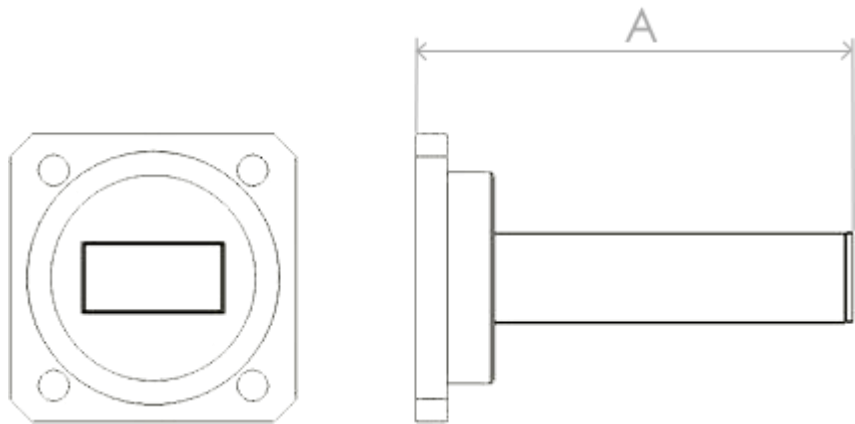


RF Components

Model Number:
WGLA-0005-197142

Ku-Band Waveguide Load

18 - 26.50 GHz



Specification	
Waveguide Size	WG20 / WR42 / R220
Flanges	UG 596A/U (UG) / UG595/U (UF) CBR 220 (CB) / PBR 220 (PB) UBR 220 (UB) / UG595/U (US)
Flange Material/Finish	Aluminium
Frequency Range	18 - 26.50 GHz
Length (A)	100 mm
VSWR / Return Loss	1.035:1 / 36.6 dB
Power Handling	5W

Model Numbers Example WGLA-0005-197142-PB				
WGL	A	0005	197142	UB
Waveguide Load / Termination	A—Aluminium B— Brass	Power Handling (W)	Model Number	Waveguide Flange

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport



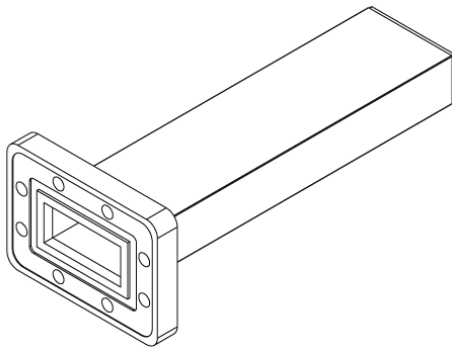


RF Components

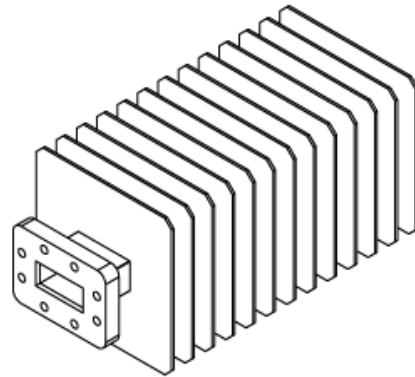
Model Number:
WGLKX-XXXX-197063

Ku-Band Waveguide Load / Termination

10-15 GHz



Test Voltage



100 / 200 / 1000 / 3000 W

Specification						
Waveguide Size	WG17 / WR75 / R120					
Frequency	10 - 15 GHz					
Material	Brass / Aluminium					
Max Power (W)	Test Voltage Only	2	100	200	1000	3000
VSWR / Return Loss	1.02:1	1.1:1/26.4 dB				
Waveguide Flanges	CPR 137G (CG) / CPR 137F (CF) PDR 70 (PD) / UDR 70 (UD) UBR120 (UB) / PBR120 (PB) UAR 70 (UA) / PAR 70 (PA) UG344/U (US) / UG343B/U (UG) / UG344/U (UF)					
Finish	Black Paint					

* We recommend our 3000W model is used with a fitted fan, we can provide these also.

Model Numbers Example WGLKB-0200-197063-CF				
WGLK	B	0200	197063	CF
Waveguide Load	A—Aluminium B— Brass	Maximum Power (W) i.e 200W	Model Number	Waveguide Flange

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport



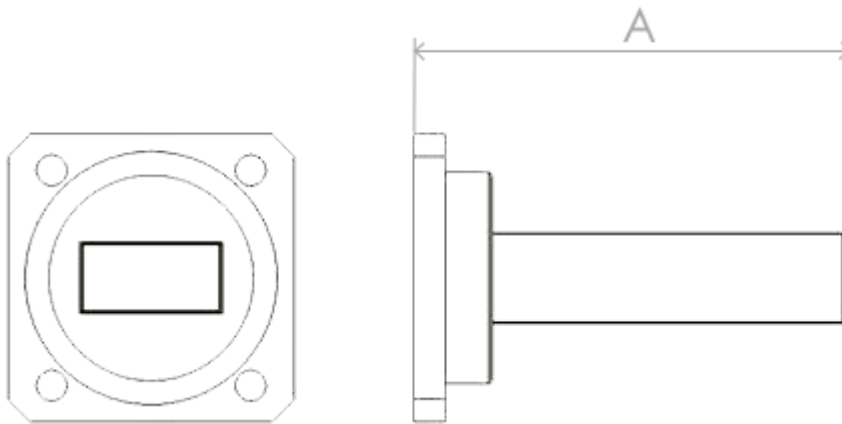


RF Components

Model Number:
WGLX-XXXX-197179-XX

X-Band Waveguide Load

7.05 - 10.00 GHz



Specification	
Waveguide Size	WG15 / WR112 / R84
Flanges	CPR 112F (CF) / CPR 112G (CG) / UG51/U (UF) / UG52B/U (UG) / UG51/U (US) / UBR84 (UB) / PBR 84 (PB) / PDR 84 (PD) / CBR 84 (CB) / UDR 84 (UD)
Flange Material/Finish	Brass (B) / Aluminium (A)
Frequency Range	7.05 - 10.00 GHz
Length (A)	150mm
VSWR / Return Loss	1.02 :1 / 40 dB
Power Handling	5W

Model Numbers Example WGLA-0005-197179-PB				
WGL	A	0005	197179	CG
Waveguide Load / Termination	A—Aluminium B— Brass	Power Handling (W)	Model Number	Waveguide Flange

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport



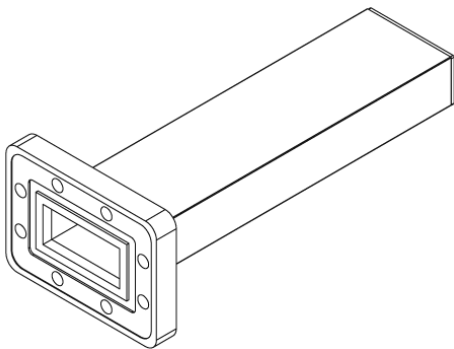


RF Components

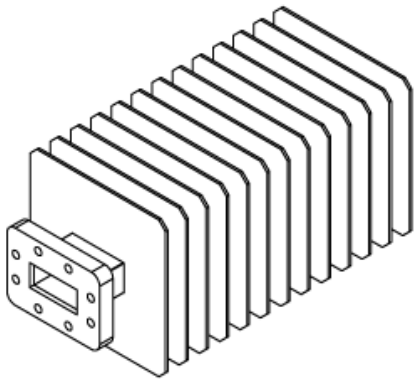
Model Number:
WGLCX-XXXX-197060

C-Band Waveguide Load / Termination

5.85 - 8.2 GHz



Test Voltage / 15W



250 / 400 / 500 / 1500W

Specification						
Waveguide Size	WG14 / WR137 / R70					
Frequency	5.85 - 8.2GHz					
Material	Brass / Aluminium					
Max Power (detailed in model number)	Test Voltage Only	15W	250W	400W	500W	1500W
VSWR / Return Loss	1.02:1/ 40 dB	1.1/26.4 dB				
Waveguide Flanges	CPR 137G (CG) / CPR 137F (CF) PDR 70 (PD) / UDR 70 (UD) UG344/U (US) / UAR 70 (UA) / PAR 70 (PA) UG343B/U (UG) / UG344/U (UF)					
Finish	Black Paint					

Model Numbers Example WGLCB-0500-197060-CF				
WGLC	B	0500	197060	CF
Waveguide Load	A—Aluminium B– Brass	Maximum Power (W) i.e 500W	Model Number	Waveguide Flange

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport



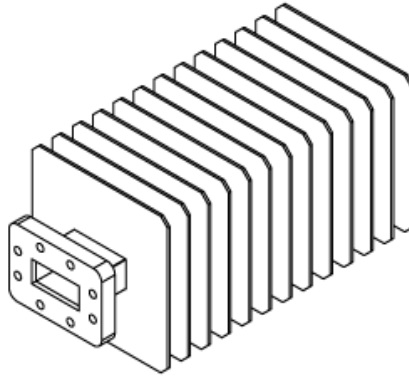


RF Components

Model Number:
WGLB-XXXX-197134

C-Band Waveguide Load / Termination

3.30 - 4.90 GHz



500 W

Specification	
Waveguide Size	WG11A / WR229 / R40
Frequency	3.30 - 4.90 GHz
Material	Brass Flange / Copper Waveguide
Max Power (W)	500W CW
VSWR / Return Loss	1.1:1 Max
Waveguide Flange Options	CPR 229G (CG) / CPR 229F (CF) PDR 40 (PD) / UDR 40 (UD)
Finish	Black Paint
Pressure	5 PSI

Model Numbers Example WGLB-0500-197134-CF				
WGL	B	0500	197134	CF
Waveguide Load	A—Aluminium B— Brass	Maximum Power (W) i.e 200W	Model Number	Waveguide Flange

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport

