

WR-90 Waveguide Isolator

From 8.2 GHz to 12.4 GHz, 20 dB Typical Isolation

Model: BG100-28



MECHANICAL SPECIFICATIONS	
Housing	Aluminium
Waveguide size	WR90
Operating Temp..	-10° C to +60° C
Flange Designation	UG-135/U
Flange Type	Cover
Size (mm)	28*56*42

RoHS compliant: Yes

Features:

- Waveguide Isolator
- WR90
- Low VSWR (1.2:1)
- X band Frequency range 8.2-12.4GHz
- High Isolation between input and output (-20dB)
- Mate with UG-135/U cover Flange

ELECTRICAL SPECIFICATIONS

Model	Frequency Range (GHz)	Bandwidth (MHz)	Insertion Loss (dB)	VSWR	Isolation (dB)	Forward Power (max)	Reverse Power (max)
BG100-28-CE1	8.2-12.4GHz	300	≤0.2	1.15	≥30	≤100w	≤10w
BG100-28-CE2		1000	≤0.4	1.2	≥20	≤100w	≤10w

Notes:

- Electrical specification value is specified at ambient temperature 25° C and sea level.

