



Synergy's V-Band is the best choice for telecom mmWave applications where highly directional gain, small form factor, and robust design are mandatory.

ELECTRICAL CHARACTERISTICS	
TEST / CHARACTERISTICS	VALUES / REMARKS
Frequency range (GHz)	57-66 GHz
V.S.W.R. (max)	< 1.5
Gain (typical)	32 dBi
Gain (min full band)	31 dBi
3dB beamwidth	3.5° x 3.5°
Side lobe level	ETSI Class 2
Polarization	Linear
Compliance standard	ETSI Class 2
Flange type	WR15 (UG-385/U)
Diameter	121 mm
Length	86.2 mm

FEATURES & BENEFITS

- Easy integration and customization in radio systems
- Small form factor
- Compliant with ETSI Class 2 requirements
- Standard wave guide interface
- Tested to meet IEC 60068-2 environmental standard
- IP67 rated

APPLICATIONS

- Small cells
- Backhaul & Fronthaul systems
- WiGig
- Fiber optics network replacement