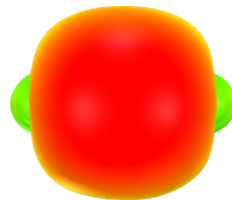


Broadband Horn Antennas

6.0 - 18.0 GHz, 16 dBi

Radiation pattern



QR code



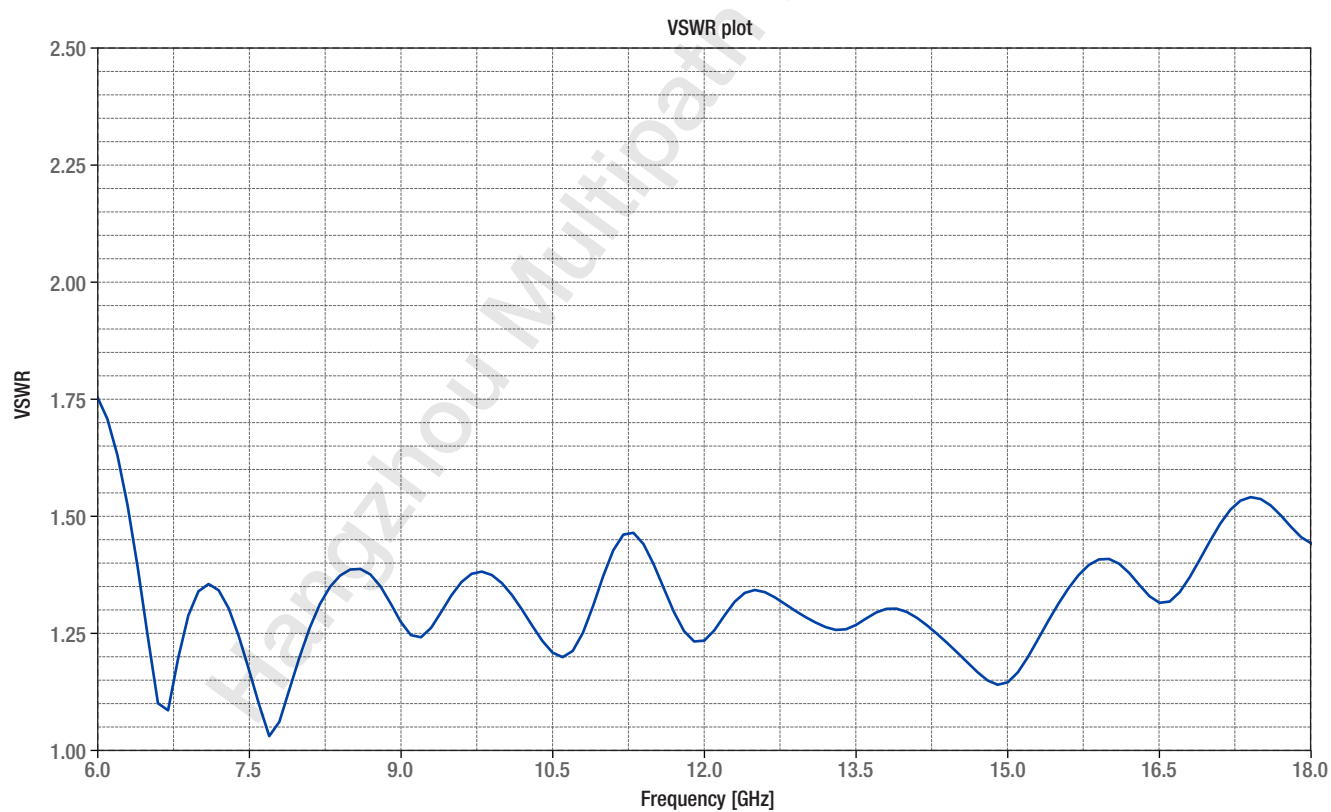
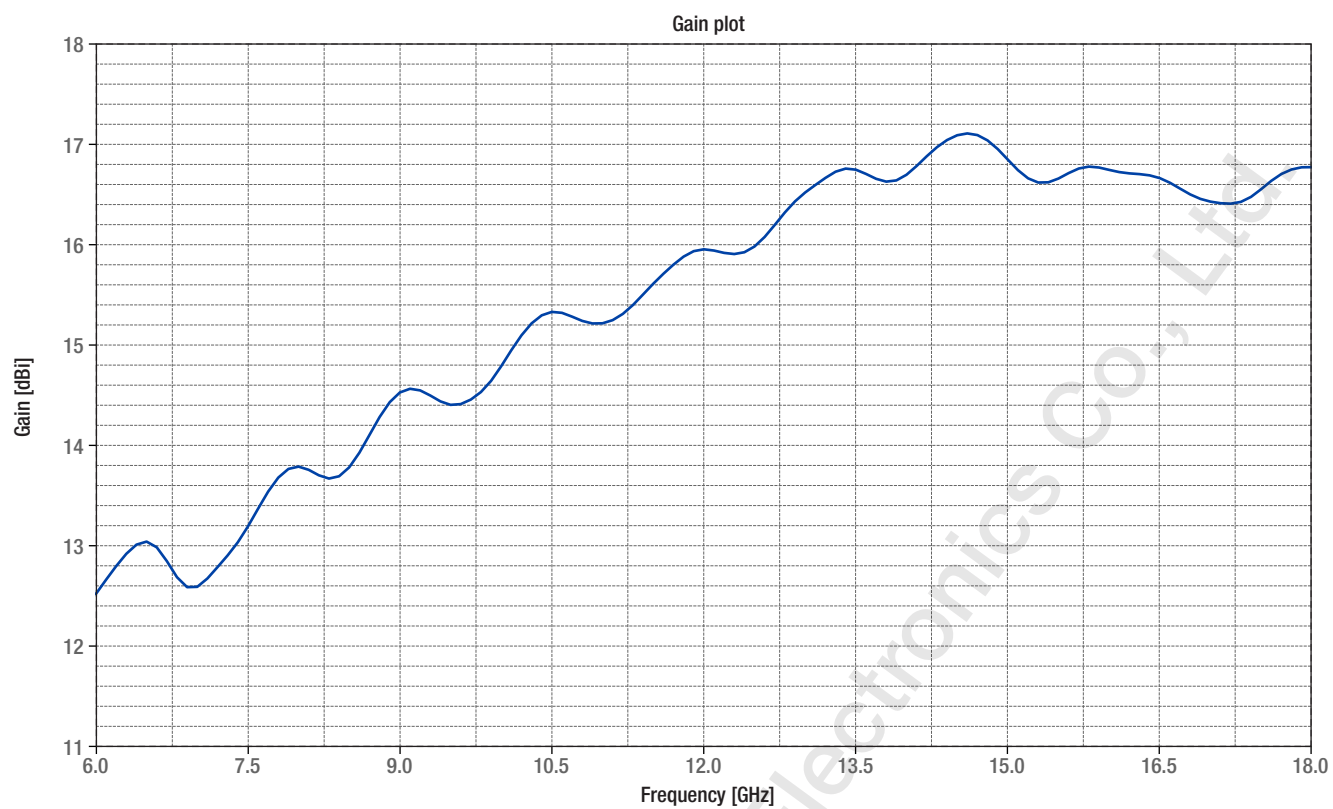
Hangzhou Multipath Electronics Co., Ltd., Zhejiang, China

Product specifications

Part number	BSHA-618-16	Polarization	Single Linear
Antenna type	Dual-ridge horn	Gain [dBi]	16 Typ.
Frequency range [GHz]	6.0 - 18.0	Cross-polarization isolation [dB]	45 Typ.
Dimensions (H x W x L) [mm; inch]	75.0 x 65.0 x 105.0; 2.95 x 2.56 x 4.13	VSWR	1.50 Typ.
Weight (approx.) [kg; lb]	1.82; 4.012	Impedance [Ohms]	50
Material	Aluminum	RF connector	SMA-Female
Port Isolation [dB]	40 Typ.		

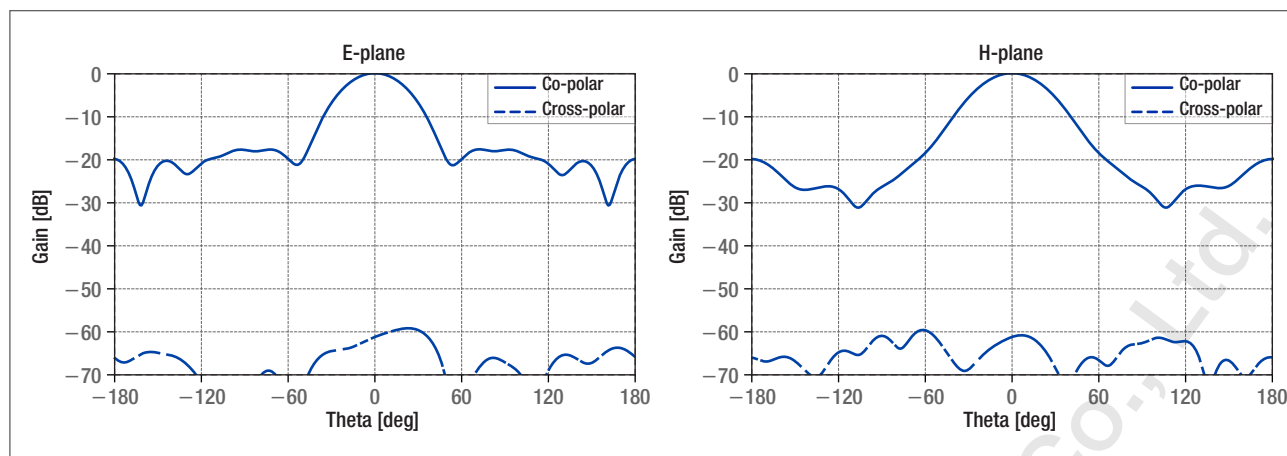
Electrical characteristics

• Gain & VSWR

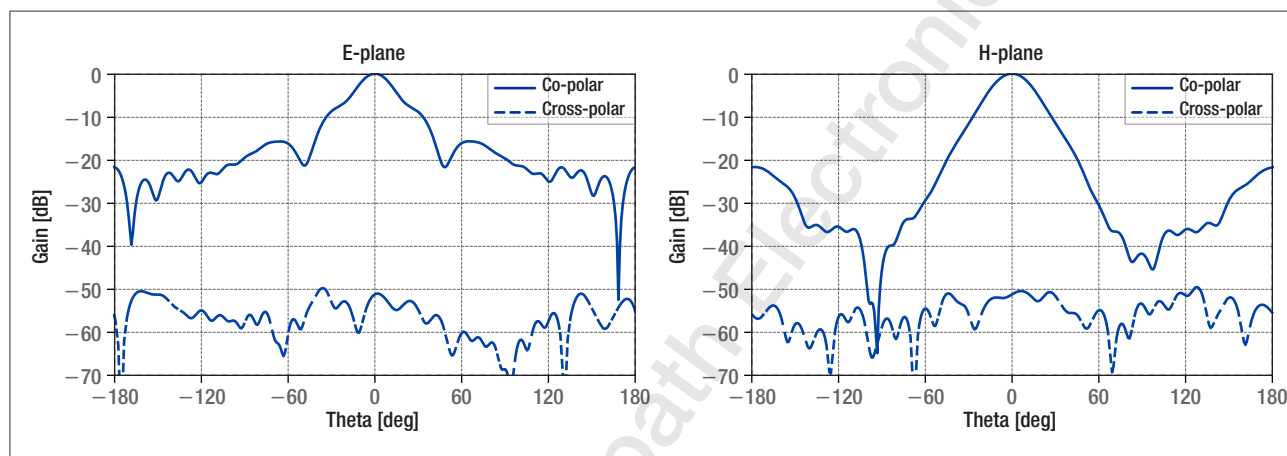


• Radiation patterns

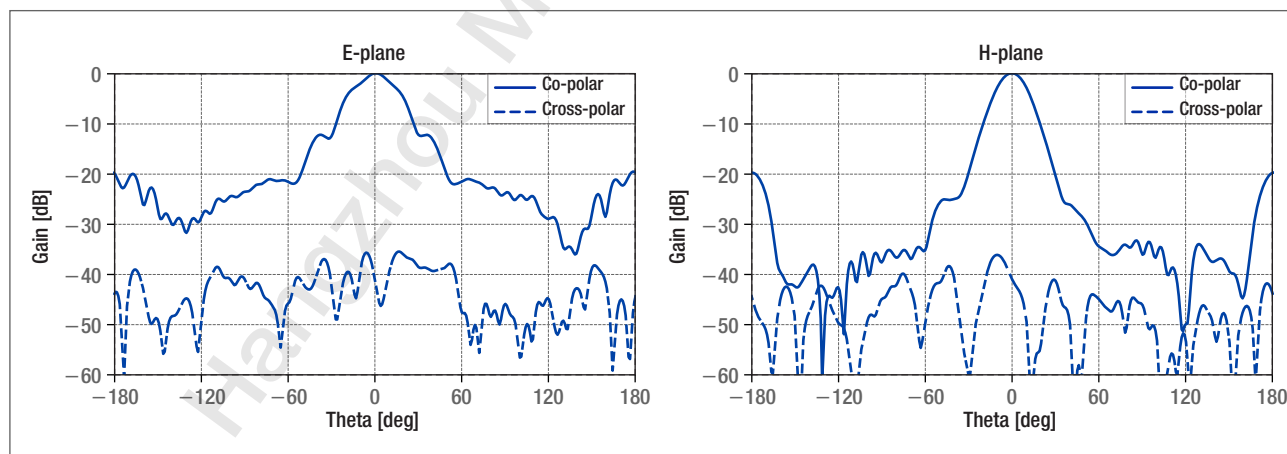
Patterns @ 6.0 GHz



Patterns @ 12.0 GHz



Patterns @ 18.0 GHz



• Data table

Frequency [GHz]	Gain [dBi]	VSWR
6.0	12.49	1.75
7.0	12.56	1.33
8.0	13.76	1.19
9.0	14.50	1.26
10.0	14.77	1.35
11.0	15.20	1.36
12.0	15.94	1.22
13.0	16.50	1.28
14.0	16.68	1.29
15.0	16.83	1.14
16.0	16.73	1.40
17.0	16.41	1.44
18.0	16.76	1.43

Frequency [GHz]	E-plane, 3dB beamwidth	H-plane, 3dB beamwidth
6	55.95°	62.23°
12	62.23°	50.76°
18	53.22°	39.63°



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Technical specifications in this datasheet are subject to change without notice.
Actual products may differ from the shown images.