

61.6 — 63.0 GHz
58.0 — 59.4 GHz

DIPLEXER, V-BAND

HBPF62.358.7-285



DESCRIPTION:

HBPF62.358.7-285 is a high-performance component designed to precisely separate signals within the 61.6 — 63.0 GHz and 58.0 — 59.4 GHz frequency ranges.

This diplexer provides low insertion loss, high isolation, and excellent return loss to ensure minimal signal degradation and optimal channel separation. Commonly used in point-to-point wireless backhaul, 5G infrastructure, and high-frequency radar systems, it supports a WR-12 waveguide and is designed to meet the requirements of modern mmWave applications.

FEATURES & BENEFITS:

- Low insertion loss
- Excellent return loss
- Supports WR-12 waveguide
- 50 dB of rejection between frequency bands

SPECIFICATIONS:

Frequency	Band 1: 61.6 — 63.0 GHz; Band 2: 58.0 — 59.4 GHz
Rejection	50 dB (Min)
Insertion Loss	2.5 dB (Max) within passband
VSWR (Max)	1.5:1
Waveguide	WR-12
Temperature	-35°C to +75°C
Package Size	WR-12 x 3.5"

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