

71 to 76 GHz Circulator HMC12-387-73.5-5.0



HXI developed a series of products in the 71 to 76 GHz frequency range specifically designed for the matching and protection of E-band radio, radar and testing systems.

Among the products are HXI's waveguide circulators, HMC12-387-73.5-5.0 (WG-12). This product covers the complete band from 71.0 to 76 GHz.

* Custom configurations are available

FEATURES & BENEFITS

- Single part covering the complete band (71.0 to 76.0 GHz)
- Ferrite based junction circulator
- High Isolation
- Low Insertion Loss
- Easy interface to WG-12

TECHNICAL SPECIFICATIONS

DESCRIPTION	WR-12 Circulator
CENTER FREQUENCY	73.5 GHz
BANDWIDTH	+/- 2.5 GHz
INSERTION LOSS	0.6 dB (typ), 0.9 dB (max)
ISOLATION	19 dB (typ), 16 dB (min)
VSWR	1.50:1
RF POWER	0.5 Watts
WAVEGUIDE INTERFACE	WR-12, UG-387/U
TEMPERATURE RANGE	0 to 60 degrees C

12 Lancaster County Road, Harvard, Massachusetts 01451 Tel: (978) 772-7774 FAX: (978) 772-7775

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