



MICROWAVE COMPONENT

KA-BAND WAVEGUIDE ISOLATOR



APPLICATIONS

Norsat's Ka-band Isolators are designed to ensure an overall system performance level by maintaining the noise figure of LNBS under varying load conditions. These compact units are easily installed between the feed and LNB. Designed to meet demanding professional requirements, these isolators are suitable for use with all Norsat LNBS and are ideal for 2-way VSATs, earth stations, uplink facilities and laboratory use.

TYPICAL SPECIFICATIONS

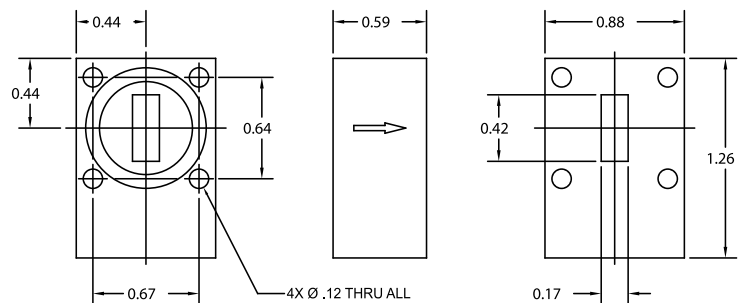
Frequency range	18.2 GHz to 22.2 GHz
VSWR maximum	1.25 : 1
Isolation minimum	20 dB
Insertion loss maximum	0.4 dB
Rev Power	1W Fwd
Waveguide Flange	WR-42 (both faces)
Operational Temperature	-30 to +75°C

HOW TO ORDER

ISO-KA-A

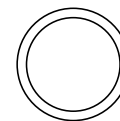
FREQUENCY	A - 18.2 - 19.2 GHz
	B - 19.2 - 20.2 GHz
	C - 20.2 - 21.2 GHz
	D - 21.2 - 22.2 GHz

MECHANICAL DIAGRAM



INPUT FLANGE
WR42 GROOVED

INPUT FLANGE
WR42 COVER



O-RING
INCLUDED

NOTES:

1. Silicone O-ring seal: Norsat # 030663

