



# LINK-16 Cavity Filter

(Model: AMA-4000-1080-225N Rev. 0.1)

## Description

AMA-4000-1080-225 is a high performance, high rejection, low loss cavity filter, specially designed to improve the reliability and sensitivity of LINK-16 systems.

It is the ideal choice for fixed and mobile LINK-16 systems, where many high power RF radios and radar antennas are installed in a close distance.



## Specifications

<b>Operational Frequency</b>	960 - 1215 MHz
<b>VSWR</b>	< 1.35 : 1 (1.2 : 1 typical)
<b>I/O Return Loss</b>	< -18dB (22dB typical)
<b>Input RF Power</b>	200W
<b>Insertion Loss</b>	< 0.8dB (0.5dB typical)
<b>Rejection</b>	75dB @ 800 MHz and 1400 MHz >90dB from 0-600 MHz
<b>RF Connector</b>	N Female
<b>OP Temperature</b>	-40°C to +60°C
<b>Humidity</b>	100%
<b>Size</b>	186 x 84 x 54mm (L x W x H, plus connectors)
<b>Weight</b>	1.5kg

