

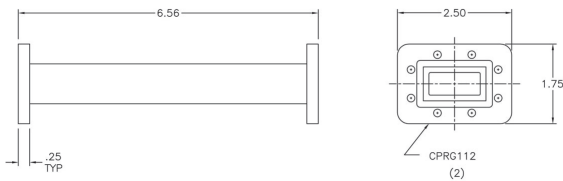
Creating Filters and Components to 50 Ghz for Over 50 Years!

X-Band Lowpass Receive Filter
Model 16512

This filter offers extremely low loss when downlinking X-Band, while also suppressing nearby Ku-Band uplinks.

Specifications:

Passband:	7.25 - 7.75 GHz
Insertion Loss:	0.15 dB Typ
VSWR:	1.2:1 Max
Reject Band:	10.0 - 14.5 GHz
Rejection:	40 dB Min
Pressurization:	5 PSIG
Flanges:	CPR112G
Weight:	0.75 lbs (0.34 Kg)
Dimensions:	6.56" x 2.5" x 1.75" (166mm x 63mm x 44mm)



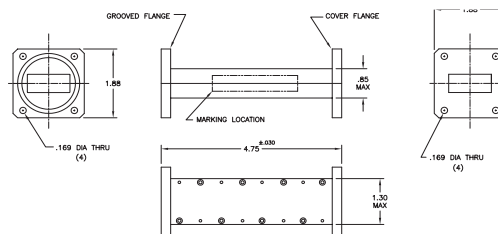
X-Band Harmonic Lowpass Transmit Filter

Model 16961

This uplink filter provides ultra-low loss and VSWR while suppressing any spurious transmission artifacts from the 2nd - 4th harmonics (15.8-33.6 GHz).

Specifications:

Passband:	7.9 - 8.4 GHz
Insertion Loss:	0.2 dB Max
VSWR:	1.20:1 Max
Stopband Attenuation:	60 dB Min from 15.8 - 16.8 GHz 40 dB Min from 23.7 - 25.2 GHz 60 dB Min from 31.6 - 33.6 GHz
RF Power Capability:	1000 Watts CW
Connectors:	WR 112 Grooved (Input) WR 112 Cover (Output)
Weight:	0.5 lbs (0.22 Kg)
Dimensions:	4.75" x 1.88" x 1.88" (121mm x 48mm x 48mm)



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