

# C-Band Satcom Waveguide Filters (3720 – 4200 MHz)



**FLT-VS-372420-FT-GT-T**



*Your Trusted Source for Satellite Equipment*

- Industry Leading Insertion Loss
- Drop in Replacement for Existing C-Band Satcom Filters
- Flat or Grooved Flange Options Available

SPECIFICATIONS	
Electrical Properties	
Passband (MHz)	3720 - 4200
Group Delay Variation	1.45 nSec Max within $\pm 0.5$ MHz
Insertion Loss – Typical (dB)	1.1
Insertion Loss – Max (dB)	1.2
Rejection	60 dB Min below 3700 MHz 40 dB Min above 4230 MHz
Return Loss - Typical (dB) Return Loss - Max (dB)	20 dB 18 dB
Mechanical Properties	
Interface Flanges	UDR40 CPR-229 PDR40 CPR-229
Material	Aluminum 6061
Finish	Flanges: Chemical Conversion Waveguide: Silver Plate Exterior: Paint
Dimensions	6.75" x 2.75" x 3.87"
Weight	2.2 lbs (998 gm)
Environmental	
Operating Temperature	-40°C to +50°C

FLT-VS-372420-FT-GT-T\_REV-003

Specifications are subject to change without notice

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