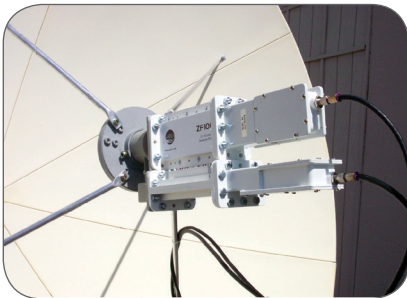


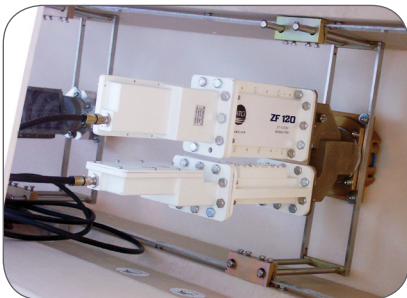
# ZF 120-5G

## C-Band Filter

C-Band Filter for Simulsat & Parabolic Antennas



ZF120 mounted on a parabolic antenna feed



ZF120 mounted on a Simulsat antenna feed

**ZF120-5G C-Band Filter** is carefully designed to strongly reject out-of-band interference (above 4200 MHz and below 3820 MHz) with minimum insertion loss. This interference is responsible for distorting both digital and analog signals.

### SPECIFICATIONS:

Passband: 3820 - 4200 MHz  
Group Delay Variation: 1.45 nSec MAX Within 0.5 MHz  
Insertion Loss: 1.3 dB MAX

### REJECTION:

70 dB Min BELOW 3700 MHz  
60 dB Min AT 3800 MHz  
50 dB Min AT 3803 MHz (temp drift)  
25 dB Min ABOVE 4230 MHz

### RETURN LOSS:

20 dB MIN

### INTERFACES

FLANGE: UDR40 CPR-229 FLAT  
FLANGE: PDR40 CPR-229 GROOVED

### MATERIAL

ALUMINUM 6061

### FINISH

FLANGES: CHEMICAL CONVERSION  
WAVEGUIDE: SILVER PLATE  
EXTERIOR: MATTE WHITE PAINT

### WEIGHT

2.2 Lbs [998g]

### ENVIRONMENTAL

OPERATING TEMP -40°C TO +50°C

### ACCESORIES:

Each unit includes installation hardware and gasket.