

Satellite Earth Station Antennas

ZF150 C-Band Filter

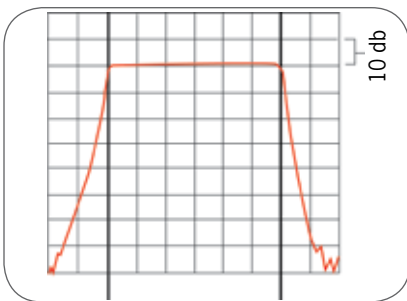
C-Band Filter for Simulsat & Parabolic Antennas



ZF150 mounted on a parabolic antenna feed



ZF150 mounted on a Simulsat antenna feed



ZF150 Frequency Response

ZF150 C-Band Filter is carefully designed to strongly reject out-of-band interference (above 4.2 GHz and below 3.4 GHz) with minimum insertion loss. This interference is responsible for distorting both digital and analog signals.

Specifications:

Passband: 3.4-4.2 GHz
Insertion Loss: 0.5 dB Typ at Fc (Center Frequency)
0.95 dB Max at band edge

Rejection:

30 dB Min 3.35/4.25 GHz
60 dB Min 3.55/4.35 GHz
70 dB Min 3.50/4.40 GHz

Mechanical Specifications:

Dimensions: 6 $\frac{3}{4}$ " L x 2 $\frac{3}{4}$ " H x 3 $\frac{7}{8}$ " W
172 mm x 70 mm x 99 mm

Weight: 2 lbs (900 grams)
Flanges: CPR-229G, CPR-229F

Accessories:

Each unit includes installation hardware and gasket.