

## Duplex Filter for the extended TETRA band Low 380 - 386.5 MHz & High 390 - 396.5 MHz

### DESCRIPTION

- The DPF 70/55 380-EXT is developed for the Public Safety TETRA extended network.  
Bandwidth 2 x 6.5 MHz
- The filter uses 2 x 5 resonators  $\frac{1}{4} \lambda$  in a compact, extruded aluminium cavity housing.
- The chassis is made of passivated steel and teflon insulation has been applied in the coaxial cables and in the connectors.
- The filter is coated with black vinyl to prevent corrosion.



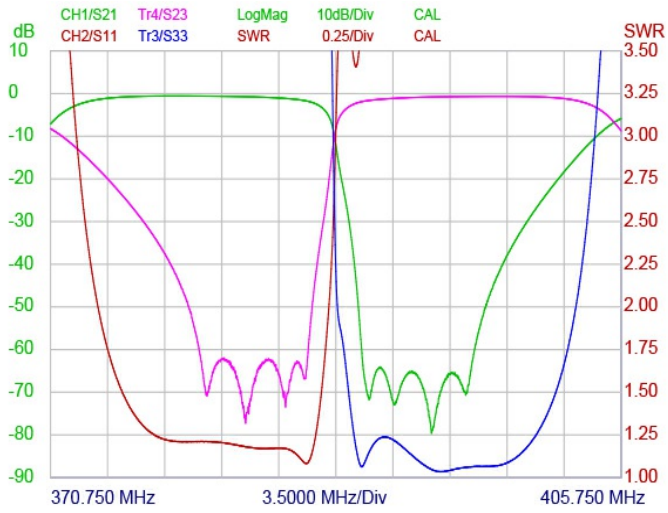
### SPECIFICATIONS

Electrical	
Model	DPF 70/55 380-EXT
Frequency	380 - 386.5 MHz / 390 - 396.5 MHz
Max. Input Power	50 W
Pass Band Insertion Loss	< 2.0 dB
Impedance	50 $\Omega$
VSWR	< 1.5:1
Stop Band Attenuation	> 60 dB
Mechanical	
Connection(s)	N(f)
Dimensions	247 x 129 x 58 mm / 9.72 x 5.08 x 2.28 in. (excl. conn.)
Weight	Approx. 1.6 kg / 3.53 lb.
Environmental	
Operating Temperature Range	-30 °C to +60 °C

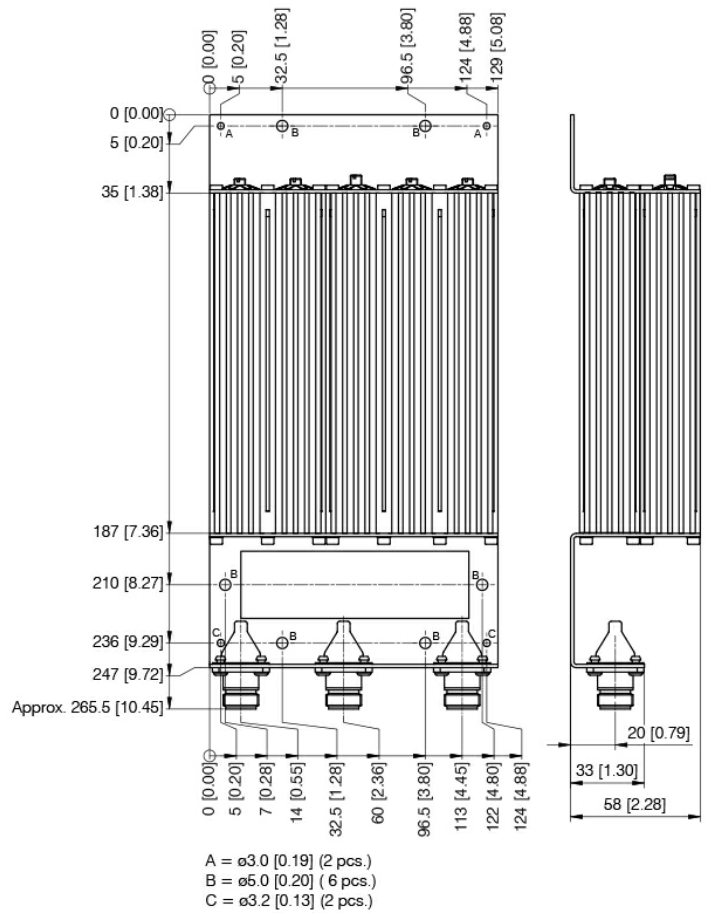
### ORDERING

Model	Product No.	Frequency
DPF 70/55 380-EXT-N	200002892	380 - 386.5 MHz / 390 - 396.5 MHz

TYPICAL RESPONSE CURVES



MOUNTING DETAILS



All dimensions are given in mm [in.]

