



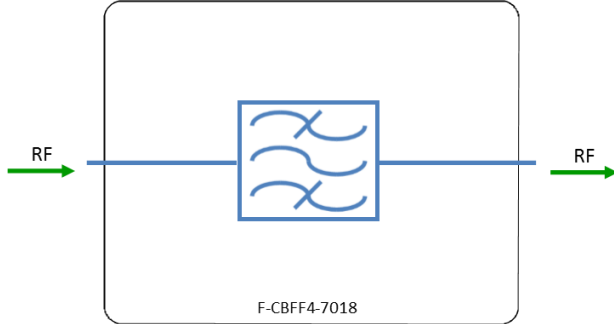
RF Components

# Cavity Filter

568-610 MHz

Model Number:

**F-CBFF4-7018**



- Low stop rejection of 26 dB at DC -555 MHz
  - High stop rejection of 30 dB at 700-1000 MHz
- Available with RF connector options:
- 50 Ω N-type



**Compact**  
Housed in rugged compact enclosure

**568 - 610 MHz**  
Operating frequency range

# Filter

RF Parameters	
F-CBFF4-7018-XXXX	N5N5
Pass Band (1dB point)	568-610 MHz
RF Connectors	50Ω N-Type
Insertion Loss (dB)	≤ 3
Return Loss (dB)	≥ 15
Rejection (dB)	≥26dB @ DC-555MHz ≥30dB @ 700-1000MHz

### Broadcast



### Marine Oil & Gas



### SNG & VSAT



### Satellite Teleport





RF Components

Model Number:  
**F-CBFF4-7018**  
Cavity Filter

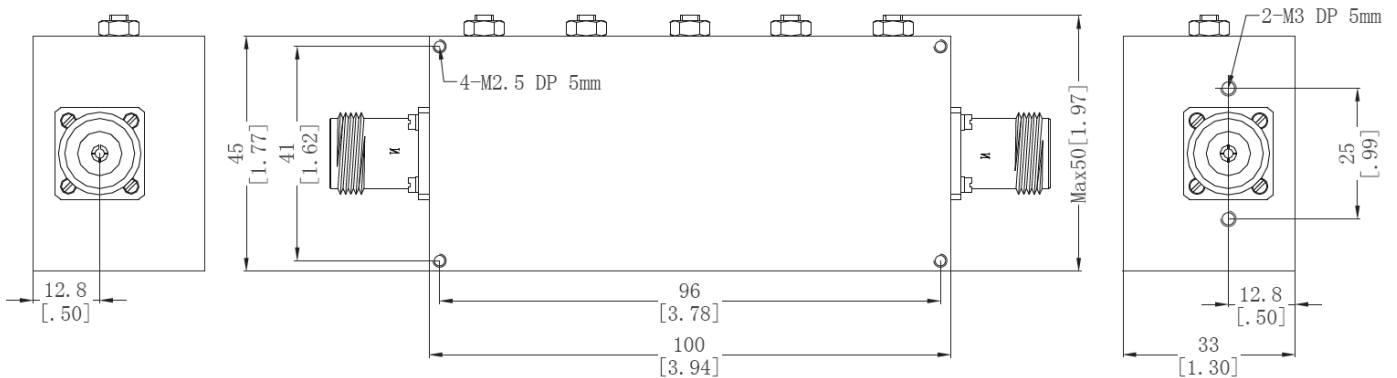
### Technical specifications and operating parameters

Environmental	
Operating Temperature	0°C to +45°C
Storage Temperature	-20°C to +75°C
Location	Indoor use Only
Humidity	Max 85% non-condensing
Altitude	Max 10,000 feet
Surface Finish	Black

Max Operating Parameters	
Input RF Power	+37 dBm (5W)
DC Voltage	35V on any RF port
DC Current	N/A

**!** Operation beyond these limits may cause instantaneous and permanent damage.

### Physical Dimensions (mm: ±0.3mm)



Note: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved specification accuracy.

ETL SYSTEMS LIMITED  
Coldwell Radio Station  
Madley  
Hereford  
England HR2 9NE

TELEPHONE  
+44 (0)1981 259020  
  
EMAIL  
info@etlsystems.com

FACSIMILE  
+44 (0)1981 259021  
  
WEB  
www.etlsystems.com

