



MFC

Microwave Filter Company, Inc.

Creating Filters and Components to 50 Ghz for Over 50 Years!

L-Band Telephony/Telemetry Bandpass Filter
Model 18970

This versatile bandpass filter can be used for various telephony & telemetry applications.

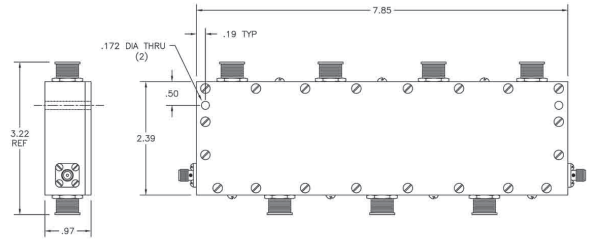
Typical Applications:

- INMARSAT
- LightSquared
- Thuraya
- Radio Astronomy



Specifications:

| | |
|---------------------------------------|--|
| Passband: | 1635 - 1675 MHz |
| Passband Loss: | 1.5 dB Typ; except 1.2 dB Typ from 1668-1675 MHz |
| Passband VSWR: | 1.5:1 Max |
| Passband Power Rating: | 60 Watts (CW) Max |
| Rejection: | 15 dB Typ @ 1626.5 MHz 20 dB Typ @ 1625.5 MHz 40 dB Typ @ 1616.0 MHz 45 dB Typ @ 1700 MHz |
| Impedance: | 50 Ohms |
| Connectors: | SMA-female |
| Dimensions: (excluding connectors) | 7.85" x 3.22" x 0.97" (199 mm x 82 mm x 25 mm) |



All MFC Products Designed and Manufactured in the USA



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