

SRFS TELEINFRA



Band Pass Filter / 1298~1702MHz



Description:

Filter is the core product out of RF passive products. Filter is more important than any other passive components in the repeater and the base station, even though other components are important. As the system operators all over the world use different frequencies, and there are quite a lot of signals in the air for televisions, military use, weather research and other purposes. The most important role of the filter is to select desired signals for use. Filter is very the most applied module in RF system. There are lots of filters based on the kinds of applications.

| Electrical & Mechanical Specifications | |
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| Center Frequency | 1500MHz |
| Frequency Range | 1298~1702MHz |
| Insertion Loss in BW | 1.0 max. |
| Passband Ripple | 1.0 max. |
| Return Loss in BW | 17min. (19.5) |
| Rejection | 70 min. @ 1200MHz (Marker85 Cup72) 70 min. @ 1800MHz (Marker85 Cup72) 55 min. @ 1800~5100MHz |
| Input Power | 150W max. |
| IN/OUT Impedance | 50 |
| Operating Temp. Range | -20 ~ +85 |
| Connector | IN: N(Female)/ OUT: N(Male) |
| Finish | Black Epoxy Painting |

