

Duplexer for GSM 1800Mhz

Model : PW-DF-1710-75/1805-75

Description :

PW-DF-1710-75/1805-75 is a filter for use on GSM 18000Mhz which able to separate Transmit & Receive Channel with minimum insertion loss and high OUT-BAND Rejection. All Pacific Wave Filter are temperature compensated which ensures full performance over the operation temperature Range (-20 till +70 Celcius).

Product Advantages :

Compact Design, High Performance and Flexible Mounting Option.
Integrated and Low Passive Inter-modulation Product Compact with Indoor Rated Design.
High Selective Filter with Low Insertion Loss and Reliable Technical Performance.

Technical Specification :

| Parameter | Unit | Rx | Tx |
|-------------------|------|-----------------------------|---------------------|
| Frequency Range | MHz | 1710 - 1785 | 1805 - 1880 |
| Band-width | MHz | 75 | 75 |
| IL at BW | dB | ≤ 1.0 | ≤ 1.0 |
| Ripple at BW | dB | ≤ 0.6 | ≤ 0.6 |
| Rejection | dB | ≥ 90 @1805-1880Mhz | ≥ 90 @1710-1785 Mhz |
| Isolation | dB | ≥ 90 @Tx | ≥ 90 @Rx |
| In/Out Impedance | Ohm | 50 | |
| Power Handling | Watt | 100 | |
| Connectors | | N-Female or DIN-Female | |
| Return Loss | dB | ≥ 20 | |
| PIM | dBc | ≤ -140@2 x +43dBm | |
| Dimensions | mm | 264*120*39 for Wall Mounted | |
| Weight | Kg | 1.5 | |
| Temperature Range | °C | -20 ~ +70 | |

Outline Option :

