



Filters & Duplexer

The highest quality and performance filter system

WIRELESS COVERAGE ■■■

- PERFORMING
- RELIABLE
- COMPACT
- CUSTOM PRODUCT
- The smallest passive components for MICRO- BTS and REAPETERS suitable for INDOOR and OUTDOOR applications.
- Available as a single filter or duplexer for GSM - CDMA - W-CDMA and TETRA applications.



ELECTRICAL SPECIFICATION

TX PATH

Frequency range from 1805 to 1880 MHz
Insertion Loss Tx to Antenna 1.9 dB max
Return Loss Tx port 18 dB min
Return Loss Antenna port 18 dB min
Isolation
Tx Isolation at Rx frequency 80 dB min
Input Power 50 Watts r.m.s.

RX PATH

Frequency range from 1710 to 1785 MHz
Insertion Loss Antenna to Rx 1.9 dB max
Return Loss Rx port 18 dB min
Return Loss Antenna port 18 dB min
Isolation
Rx Isolation at Tx frequency 80 dB min
Impedance 50 Ohm

MECHANICAL SPECIFICATION

Antenna Connector SMA female
Tx Connector SMA female
Rx Connector SMA female
Weight 560 g
Dimensions 149x77x30 mm max

OPERATING TEMPERATURE RANGE

- 20°C to +70°C

STORAGE TEMPERATURE RANGE

- 40°C to +85°C

PROTECTION IP (INDOOR/OUTDOOR)

Indoor

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Specialization project and realization of RF/Filters and duplexer custom demands