



94 JACKSON ROAD, SUITE 110, DEVENS, MA 01434

Filters/Diplexers

Model RMDU.1700-2190Nf

DCS/UMTS DUPLEXER, N Female

SPECIFICATIONS

| Parameter | Specification | | | | Remark |
|---|---|-----------------------|--|-----------------------|-----------|
| Pass Band Frequency | Receive(Rx) | | Transmit(Tx) | | |
| | DCS | UMTS | DCS | UMTS | |
| | 1700.0MHz ~ 1790.0MHz | 1920.0MHz ~ 1980.0MHz | 1805.0MHz ~ 1880.0MHz | 2100.0MHz ~ 2190.0MHz | |
| Pass Band Insertion Loss | 1.2dB Max. | | 1.2dB Max. | | |
| Pass Band Flatness | 0.6dB (p-p) Max. | | 0.6dB (p-p) Max. | | |
| Pass Band Return Loss | 14.0dB Min. | | 14.0dB Min. | | |
| Rejection | Antenna to Receive | | Transmit to Antenna | | |
| | DC ~ 1640.0MHz 50.0dB Min. 1805.0 ~ 1880.0MHz 50.0dB Min. 2030.0 ~ 2170.0MHz 50.0dB Min. 2170.0 ~ 6000.0MHz 50.0dB Min. 6000.0 ~ 12,750MHz 35.0dB Min. | | DC ~ 1785.0MHz 50.0dB Min. 1920.0 ~ 2040.0MHz 50.0dB Min. 2225.0 ~ 6000.0MHz 50.0dB Min. 6000.0 ~ 12,750MHz 35.0dB Min. | | |
| Isolation (Rx/Tx) | 60.0dB Min. | | | | |
| Transmit Pass band Maximum Power Handling | 100.0 Watts CW | | | | |
| | 1000.0 Watts Peak Instantaneous | | | | |
| Operating Temperature | -20.0 to + 70.0 °C | | | | |
| Storage Temperature | -40.0 to + 85.0 °C | | | | |
| Operating Humidity | 0 to 90%, relative, non-condensing | | | | |
| Impedance | 50.0 Ohm nominal | | | | |
| Dimensions (W x D x H) (Excluding Connectors) | 276 x 124 x 36.5mm (Max.) | | | | Unit : mm |
| Connector(Ant / Rx / Tx) | N(F Type) | | | | |
| ROHS compliant | Yes | | | | |

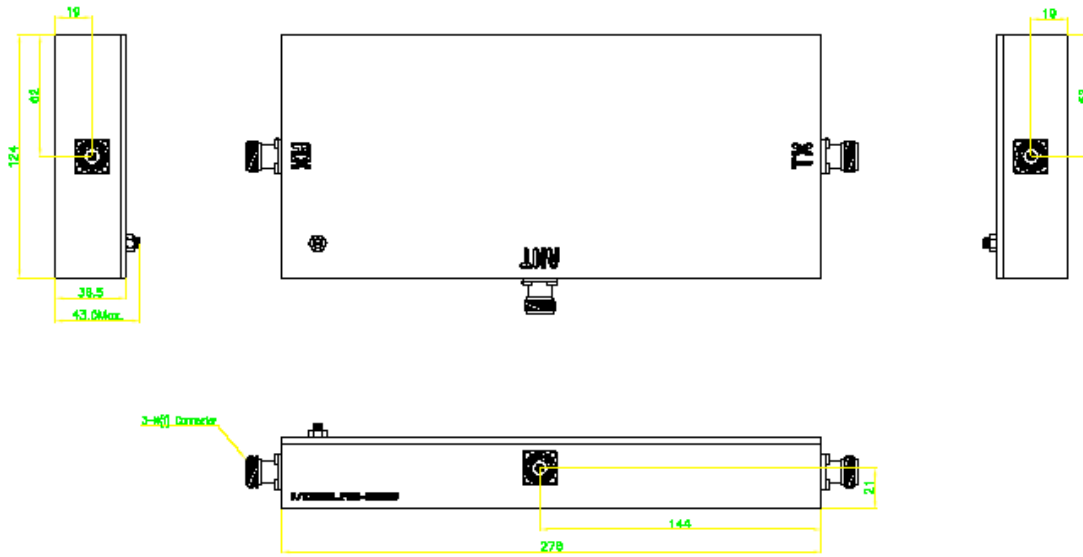
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