

Features:

- Dual unit
- Combines Two Full-band 900MHz Signals For Use On One Cross Polar Antenna, With RX Diversity
- Active RX
- Ultra-Low Receive Loss, < 0.4dB
- 2U Rack Mounting Capable
- Wall, Pole, Tray or Rack Mounting
- High Reliability

Filter Specifications

Passband BTSA / BTSB

Full 900MHz uplink and downlink bands
925 to 960MHz TX, 880 to 915MHz RX

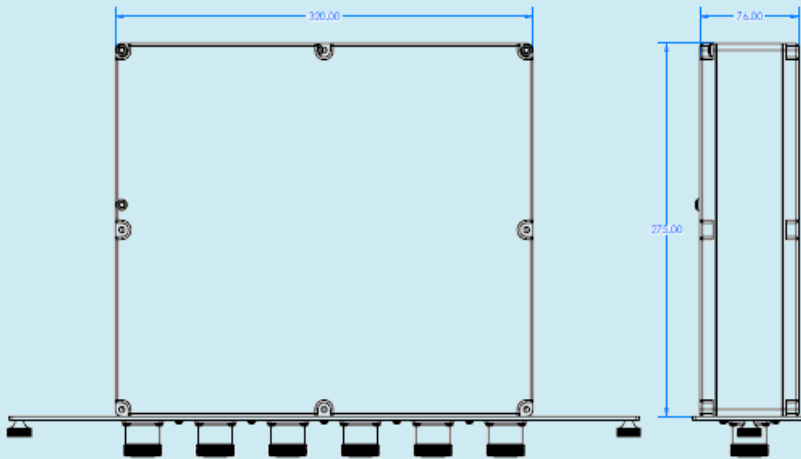
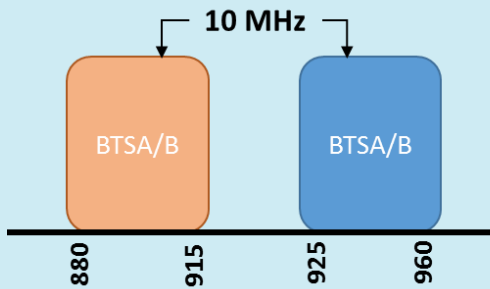
Uplink (RX) Specifications

Gain	12dB +/- 1dB
Return Loss, all ports	> 18dB
Isolation RX-RX	> 20dB
Noise Figure	< 1.7dB

Downlink (TX) Specifications

Insertion Loss	< 0.4dB
Return Loss, all ports	> 18dB
IMD in RX Band	> 163dBc (2 x 43dBm tones)
Isolation TX-RX	> 40dB
Power Handling, all ports	200W

Uplink (RX) Downlink (TX)



DC and AISG

AISG Configuration
 AISG Band Return Loss
 DC
 DC Configuration

RF OOK – RS485 Modem RET connection
 > 12dB
 < 2.5A, <32V
 From RF connector to AISG RET connector

Mechanical

Connectors
 Dimensions
 Weight
 Colour
 Mounting arrangements

6 x 7/16 DIN Female, Long Neck
 320 x 275 x 76 mm
 9 kg (19 lbs)
 Light grey
 Rack, wall or pole

Environmental

Operating Temp (°C)
 Altitude
 Ingress Protection
 Humidity

-30 to +50
 < 2500 m
 IP67
 < 90%

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