



Twin Duplexer Shelf, 850 RXAIT

Product Classification

Product Type Duplexer shelf

Electrical Specifications Rx (Uplink)

Bandwidth	25.00 MHz
Frequency Band	824 – 849 MHz
Group Delay Variation, maximum	80 ns @ 5.00 MHz
Insertion Loss, maximum	0.75 dB
Insertion Loss, typical	0.50 dB
Return Loss, minimum	20 dB
Total Group Delay, maximum	150 ns
Tx Band Rejection	80 dB

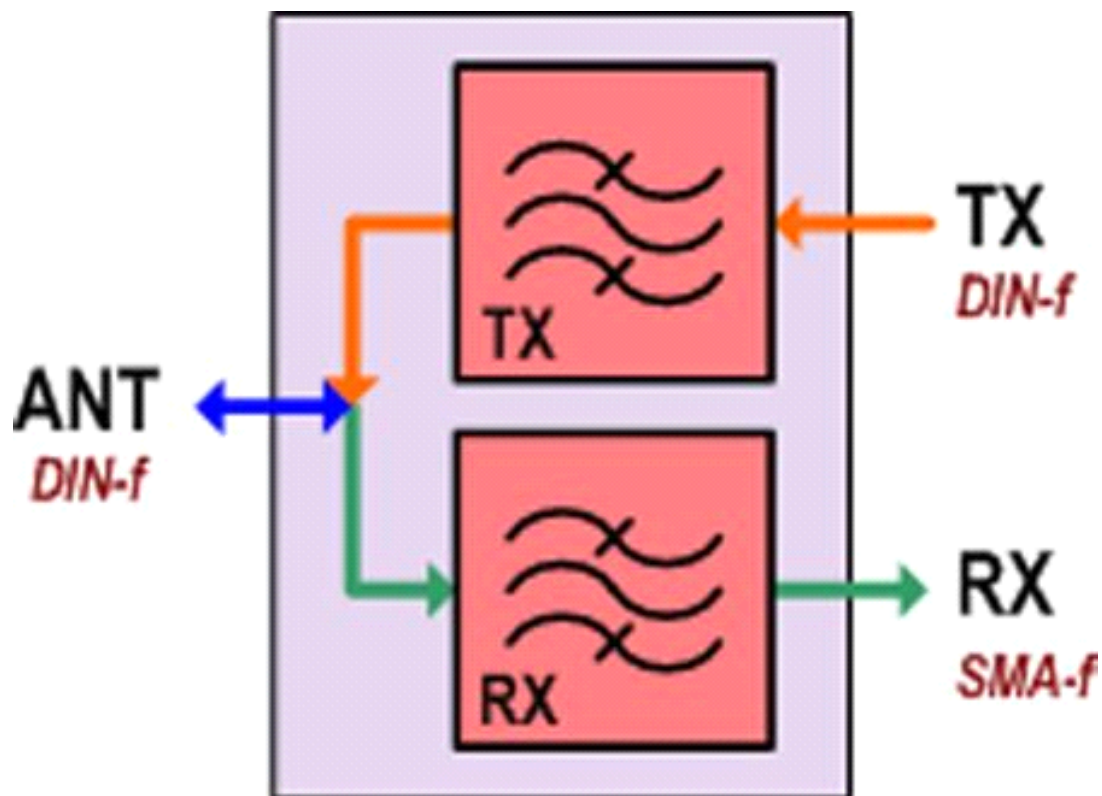
Electrical Specifications Tx (Downlink)

Bandwidth	25.00 MHz
Frequency Band	869 – 894 MHz
Group Delay Variation, maximum	100 ns @ 5.00 MHz
Input Power, PEP, maximum	16 kW
Input Power, RMS, maximum	800 W
Insertion Loss, maximum	0.75 dB
Insertion Loss, typical	0.50 dB
Return Loss, minimum	20 dB
Rx Band Rejection	80 dB
Total Group Delay, maximum	200 ns

Electrical Specifications

License Band	Cellular
3rd Order IMD Test Method	Two +43 dBm carriers
3rd Order IMD, maximum	-107 dBm

Block Diagram



General Specifications

Application Indoor

Mechanical Specifications

Rx Interface SMA Female
Antenna Interface 7-16 DIN Female
Color Black | Copper
Rack Type EIA 19 in
Rack Units 2
Tx Interface 7-16 DIN Female

Environmental Specifications

Ingress Protection Test Method IEC 60529:2001, IP30
Operating Temperature -25 °C to +65 °C (-13 °F to +149 °F)

E15V85P04

Dimensions

Depth	218.0 mm 8.6 in
Height	88.1 mm 3.5 in
Weight, without mounting hardware	9.0 kg 19.8 lb
Width	482.6 mm 19.0 in

Outline Drawing

