



HIGH POWER CAVITY DUPLEXER

RX: 1950-1955MHZ

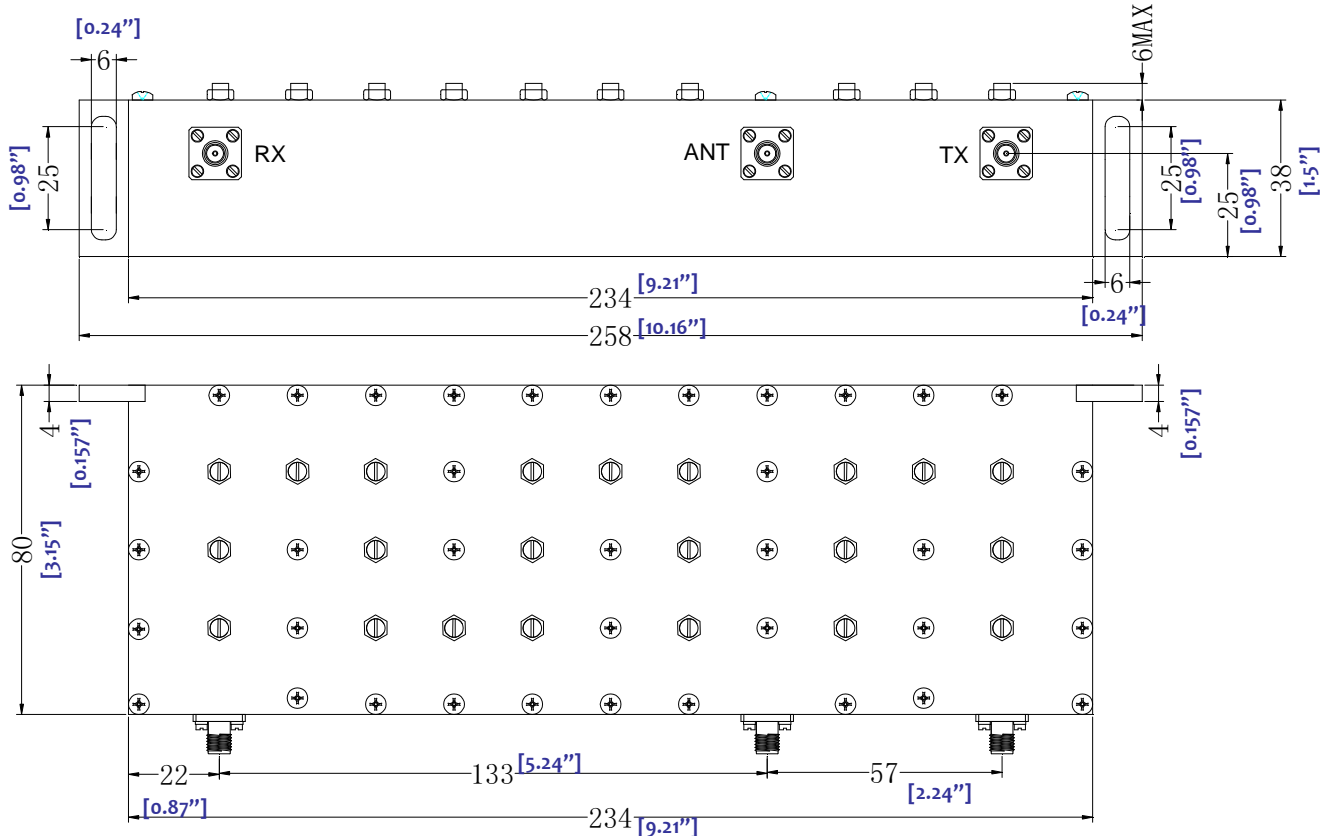
TX: 2140-2145MHZ



- Compact size and high power handle
- Very high rejection outdoor unit
- Compatible with ITU Standard
- N-Female and SMA-F connector available upon request
- Storage temperature -40~+85C
- Operational Temperature: -30~+75C
- Operating Humidity: 0~90% relative

Electrical Specification

Frequency Range:	RX: 1950-1955MHz TX: 2140-2145MHz
Insertion Loss:	RX: 2.5dB max TX: 0.6dB max
Pass band Ripple:	0.6dB maximum
Power Handle:	200W
Channel Rejection:	80dB
Offset Rejection:	50dB



HIGH POWER CAVITY DUPLEXER 1950-1955MHZ & 2140-2145MHZ



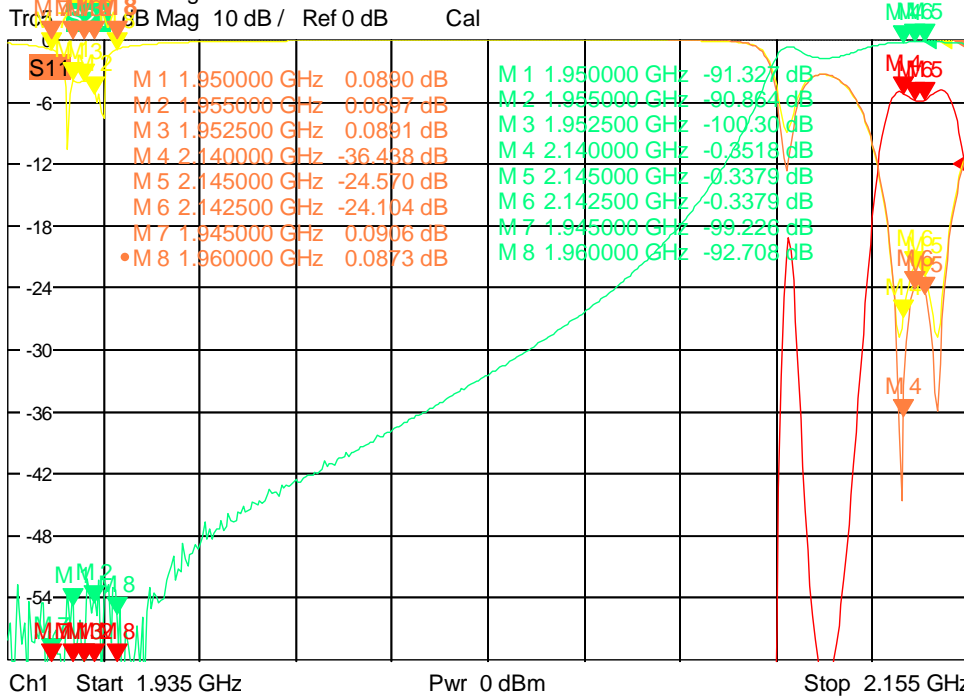
RF-LAMBDA

The power beyond expectations

RFDUP210504BT

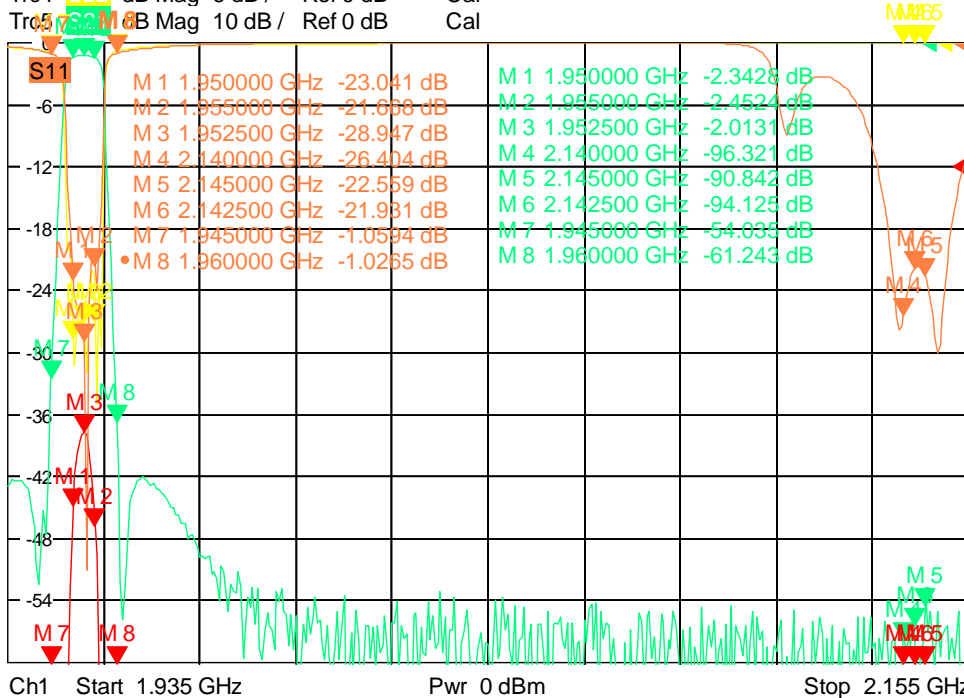
HIGH POWER CAVITY DUPLExER 1950-1955MHz & 2140-2145MHz

Trc1 S11 dB Mag 6 dB / Ref 0 dB Cal
 Trc2 S12 dB Mag 0.3 dB / Ref -0.7 dB Cal
 Trc4 S22 dB Mag 6 dB / Ref 0 dB Cal
 Trc5 S21 dB Mag 10 dB / Ref 0 dB Cal



10/8/2010, 6:10 PM

Trc1 S11 dB Mag 6 dB / Ref 0 dB Cal
 Trc2 S12 dB Mag 0.3 dB / Ref -0.7 dB Cal
 Trc4 S22 dB Mag 6 dB / Ref 0 dB Cal
 Trc5 S21 dB Mag 10 dB / Ref 0 dB Cal



10/8/2010, 6:13 PM



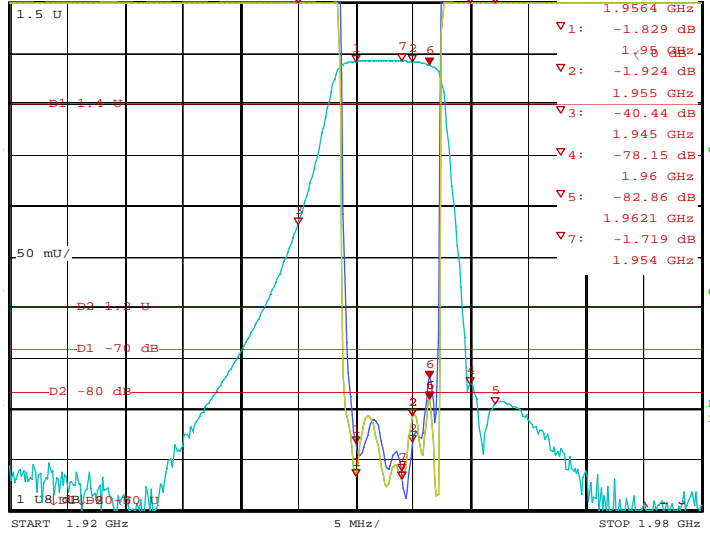
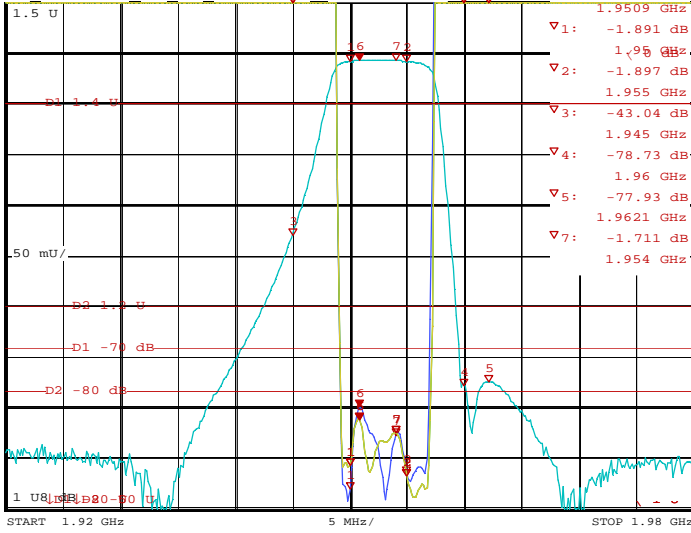
RF-LAMBDA

The power beyond expectations

RFDUP210504BT

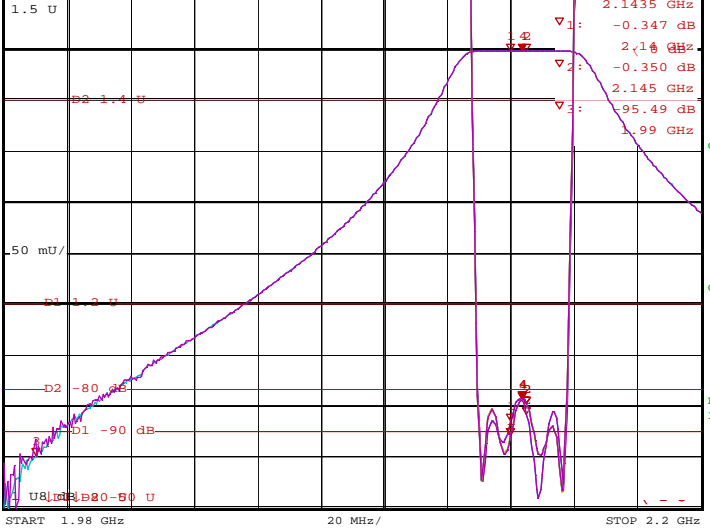
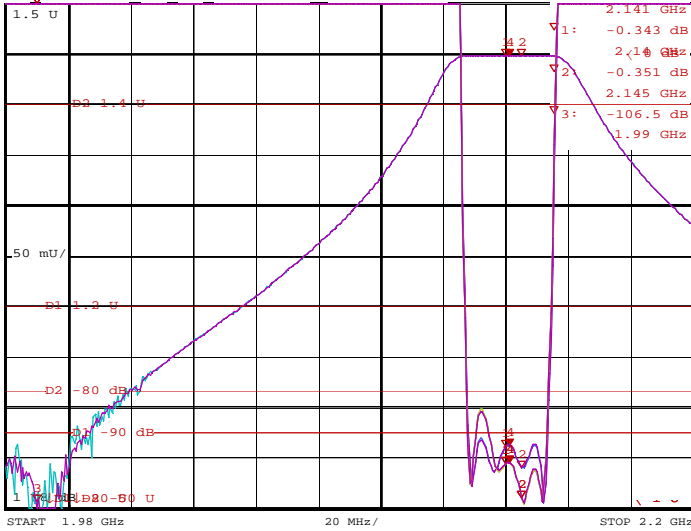
CH1 S11	LIN SWR	50 mU/	REF 1 U	▼6:	1.100 U
CH2 S21	dB MAG	12 dB/	REF 0 dB	▼6:	-1.705 dB
CH3 S22	LIN SWR	50 mU/	REF 1 U	▼6:	1.087 U
CH4 S22	LIN SWR	50 mU/	REF 1 U	▼6:	1.087 U

CH1 S11	LIN SWR	50 mU/	REF 1 U	▼6:	1.131 U
CH2 S21	dB MAG	12 dB/	REF 0 dB	▼6:	-2.647 dB
CH3 S22	LIN SWR	50 mU/	REF 1 U	▼6:	1.110 U
CH4 S22	LIN SWR	50 mU/	REF 1 U	▼6:	1.110 U



CH1 S11&M	LIN SWR	50 mU/	REF 1 U	▼4:	1.062 U
CH2 S21&M	dB MAG	12 dB/	REF 0 dB	▼4:	-0.342 dB
CH3 S22&M	LIN SWR	50 mU/	REF 1 U	▼4:	1.045 U
CH4 S22&M	LIN SWR	50 mU/	REF 1 U	▼4:	1.045 U

CH1 S11&M	LIN SWR	50 mU/	REF 1 U	▼4:	1.105 U
CH2 S21&M	dB MAG	12 dB/	REF 0 dB	▼4:	-0.351 dB
CH3 S22&M	LIN SWR	50 mU/	REF 1 U	▼4:	1.107 U
CH4 S22&M	LIN SWR	50 mU/	REF 1 U	▼4:	1.107 U



Date: 17.APR.07 12:29:34

Date: 17.APR.07 12:48:31

HIGH POWER CAVITY DUPLEXER 1950-1955MHZ & 2140-2145MHZ