

Ceramic DUPLEXER IDD08808

881.5 MHz / 1962.5 MHz

Specification


F_o = 881.5 MHz / 1962.5 MHz

ANT to Rx		Minimum	Typical	Maximum
Insertion loss (881.5 MHz +/-12.5 MHz)	dB	-	1.7	2.0
Amplitude Ripple (881.5 MHz +/-12.5 MHz)	dB	-	0.3	0.5
Pass band VSWR (881.5 MHz +/-12.5 MHz)	-	-	-	1.3
Input power (881.5 MHz +/-12.5 MHz)	Watt	5W > 50000 Hours, CW tone (Ta=+50°C)		
Relative Attenuation 1930 ~ 1995 MHz	dB	50	53	-

Tx to ANT		Minimum	Typical	Maximum
Insertion loss (1962.5 MHz +/-32.5 MHz)	dB	-	1.7	2.0
Amplitude Ripple (1962.5 MHz +/-32.5 MHz)	dB	-	0.3	0.5
Pass band VSWR (1962.5 MHz +/-32.5 MHz)	-	-	-	1.3
Input power (1962.5 MHz +/-32.5 MHz)	Watt	5W > 50000 Hours, CW tone (Ta=+50°C)		
Relative Attenuation 869 ~ 894 MHz	dB	50	53	- - -

Notes :

- 1) All specifications are based on the matching schematic shown below, measured by Agilent Network analyzer and full 3 port calibration.
- 2) Electrical margin has been built into the design to account for the variations due to temperature drift and manufacturing tolerances
- 3) All attenuation measurements are measured absolute to insertion loss

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