

GSM 900 MHz Dual TMA | RF Components and RF Subsystems Specification

PARAMETERS	SPECIFICATION
Frequency Range	Rx: 890 ~ 915MHz Tx: 935 ~ 960MHz
Noise Figure	1.8dB Typ. (2.2dB @ Temp.)
Rx Gain	1.2.0dB ± 1dB
Bypass insertion loss	1.6dB Typ. (2.0dB @ Temp.)
Insertion loss Tx band	0.6dB Typ. (0.7dB @ Temp.)
Return Loss, all ports (Tx, Rx)	18.0dB Min.
Return Loss, LNA bypass	15.0dB Min.
1dB Gain compression point (P1)	+10dBm Min.
Output Intercept Point (OIP3)	+23.0dBm Min. (1tone=0dBm)
Lighting protection	5kA, 8/20uS pulse
PIMD @ 2-ton 20W	150dBc Min
Continuous Average Power	200W
DC Supply Voltage	+12V DC / 120mA Typ.
Alarm	CWA Handling
Environmental Rating	IP-67
Operating Temperature	-30°C ~ +65°C
Connectors	DIN (7/16) (F)
Size (mm)	375.5 x 239.0 x 101.0