

DCS 1800 MHz TMA | RF Components and RF Subsystems Specification

PARAMETERS	SPECIFICATION
Frequency Range Rx (Uplink)	1710.0 ~ 1785.0MHz
Frequency Range Tx (Downlink)	1805.0 ~ 1880.0MHz
Noise Figure Typical Mid Band	1.8dB Typ. (2.4dB @ Temp.)
Rx Gain	1.2.0dB +- 1dB
Bypass insertion loss	2.3dB Max.
Insertion loss (Tx band)	0.6dB Typ. (0.7dB @ Temp.)
Return Loss, all ports (Tx, Rx)	18.0dB Min.
Return Loss, LNA bypass	12.0dB Min.
Input compression point (P1)	+15dBm Min.
Input Intercept (IP3)	+28.0dBm Min. (1tone=0dBm)
Lighting protection	5kA, 8/20uS pulse
Continuous Average Power (peak)	200W
DC Supply Voltage	+12Vdc / 120mA Typ.
Alarm	CWA Handling
Environmental Rating	IP-67
Operating Temperature	-40°C ~ +70°C
Connectors	DIN (7/16) (F)
Size (mm)	325.0 x 103.0 x 92.0 mm