

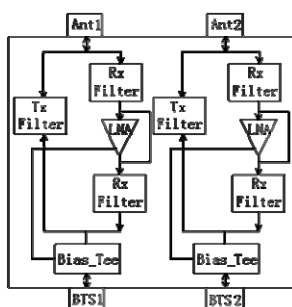
DCS Tower Mounted Amplifier

■ **Model : TMA1800-75M-DD**

■ **Technical Specification**



■ **Diagram**



■ **Features**

- ◆ Apply in BTS
- ◆ Enhance BTS sensitivity
- ◆ Apply in wide coverage BTS
- ◆ Can be matched with MCPA
- ◆ Applied in remote areas and most rural areas

Tx Characteristics

Frequency Range	1805-1880 MHz
Bandwidth	75 MHz
Insertion Loss	0.60dB
Ripple	<0.4dB
Input Power	100W (CW)
Intermodulation in Rx Band	<-120dBm (2Tx at 43dBm)
VSWR	≤1.4
Isolation	≥45dB

Rx Features:

Frequency Range	1710 MHz-1785 MHz
Bandwidth	75 MHz
Noise Figure	<1.8dB (Typically)
Gain	12dB
Ripple	<±0.5dB
Loss In By- Pass Mode	1.7dB (DC OFF)
OIP3	+25dBm
VSWR	≤1.4

Environmental Parameter:

EMC	ETS 300 342-3
Working Temperature	-40 ~ +85 °C
MTBF	> 50000 Hours (per TMA)

Power Supply

Power	DC+12V; 150mA per TMA
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Mechanical Features:

RF Connector	7/16 Female
Holding Installation	Use 4pcs bolts to fasten (maxi bolt is M8)
Install in Bracket or Wall	Use hoop to fasten
Dimensions(L*W*H)	340*210*69 mm ³
Weight	6 kg