

1800/2100 Single Band RF Repeater

TS-C10F-D/W_{10/10dBm Power, 55/55dB Gain}



Tone Spread
Solutions for Wireless Signal

Telecommunication Technology & Engineering Accessories

Rev.V1.1

Features:

Appearance:

1. Compact size with stable performance.
2. Designed for indoor application.
3. Built-in donor antenna and service antenna.
4. AGC to control output power at its maximum power level.
5. LCD real time display to show the output power.
6. Cost-effective for practical solutions.



Specifications:

Parameters		Uplink	Downlink
Frequency Range	LTE1800	1710 ~ 1785MHz	1805 ~ 1880MHz
	LTE/WCDMA 2100	1920 ~ 1980MHz	2110 ~ 2170MHz
Operation Bandwidth (-3dB)		Wide Band	
Maximum Gain	TS-C10F-DW	≥55dB	≥55dB
Output Power	TS-C10F-DW	≥10dBm	≥10dBm
Maximum Input Power Level		≅ -25dBm	
AGC (Automatic Gain Control)		≅ 30dB	
Spurious Emission	9KHz~1GHz	≅ -36dBm	
	1GHz~12.75GHz	≅ -30dBm	
Noise Figure		≤ 6dB	
VSWR		≅ 2.0	
Group Delay		≤ 1μs	
System LED		When output power is less than 10%, the system LED will go out; When output power reaches around 60%, the LED will remains green; When output power reaches its maximum level, the LED will be green blink	
RUN LED		Software operate good in GREEN, it will turns to RED when software breakdown	
RF Connector		N-Female	
Impedance		50Ω	

All specifications are subject to change without notice.

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Power Consumption	≤10W
Power Supply	Input: AC 110~240V; Output: DC 5V
Operating Temperature	-10°C~50°C
Environment Conditions	IP40
Dimensions (D x W x H)	240*160*50mm
Weight	≤1KG

Note: The picture is only for reference, please make the object as the standard

