

New products [Multi Bands Combiner](#) [Quad Bands TMA](#) [Six Bands TMA](#) [LPF + BPF Diplexer](#)

Wevercomm offers a line of Multi-band TMAs.

It's the TMA with 6 Bands TMA.

It belongs to GSM & DCS & UMTS, etc.

The other concept for TMA also includes W-Max and LTE Band too.

All the TMAs are designed in custom.



#### FEATURES

- GSM & DCS, DCS & UMTS, GSM & UMTS
- Low PIM Level
- Low level of Noise Figure
- Single and Double Layer Option

#### SPECIFICATION

ITEM	SPECIFICATION	
GSM900 Downlink	Frequency Range	935MHz ~ 960MHz
	Return Loss, All Ports	18dB Min
	Insertion Loss	0.3dB Typical
	Flatness	0.3dB Max
	Input Power Rating RMS, watts	200Watts Max
	PIMD	120dBm , 2-Tone 43dBm carriers
GSM900 Uplink	Frequency Range	890MHz ~ 915MHz
	Tx band Rejection	80.0dB Min
	RF Gain(ripple Included) nominal	12.0dB ~ 14.0dB (±1.0dB)
	Noise Figure	1.4dB Typical
	Input 1dB Compression point	2dBm Typical
	Output IP3	+22dBm Typical
	Return Loss	18.0dB Min

	Insertion Loss(Bypass mode)	1.5dB Typical
	Return Loss (Bypass Mode)	15.0dB Min
	Bypass Mode	Yes
	DC Supply Voltage	10V to 18V DC
	Operating Current Consumption	180mA
	DC Injection	Via to BASE Connector
	Input/Output Impedance	50 Ohm nominal
DCS1800 Downlink	Frequency Range	1805MHz ~ 1880MHz
	Return Loss, All Ports	18dB Min
	Insertion Loss	0.5dB Typical
	Insertion Loss Variation	0.4dB Max
	Continuous Average Power	200Watt Max
	Intermodulation 2x43dBm Tx Carriers	-107dBm Max In Rx Band, ANT BTS Port
DCS1800 Uplink	Frequency Range	1710MHz ~ 1785MHz
	Gain	12dB ±1.0dB
	Gain Ripple	1.0dB Max
	Insertion Loss(Bypass mode)	2.0dB Typical
	Return Loss, All Ports	18dB Min
	Return Loss All Ports(Bypass mode)	14dB Min
	Noise Figure	1.5dB Typical, 1.85dB Max
	OIP3	+25dBm Typical, +22dBm Min
	DC Supply Voltage	12V nominal(+8V ~ +31V DC)
	DC Supply Current Normal Mode	165mA typ.
	Alarm	See Alarm Condition Table
	Input/Output Impedance	50 Ohm nominal
UMTS Downlink	Frequency Range	2110MHz ~ 2170MHz
	Return Loss, All Ports	18dB Min
	Insertion Loss	0.3dB Typical
	Insertion Loss Variation	0.2dB Max
	Continuous Average Power	200Watt Max
	Intermodulation 2x43dBm Tx Carriers	-117dBm Max In Rx Band, ANT BTS Port
UMTS2100 Uplink	Frequency Range	1920MHz ~ 1980MHz
	Gain	12dB ±1.0dB
	Gain Ripple	1.0dB Max
	Insertion Loss(Bypass mode)	2.0dB Typical
	Return Loss, All Ports	18dB Min
	Return Loss, All Ports(Bypass mode)	14dB Min
	Noise Figure	1.6dB Typical, 1.85dB Max
	OIP3	+25dBm Typical, +22dBm Min
	DC Supply Voltage	12V nominal(+8V ~ +31V DC)
	DC Supply Current, Normal Mode	165mA typ.
	Alarm	See Alarm Condition Table
	Input/Output Impedance	50 Ohm nominal
Dimension		280.0 x 260.0 x 72.0 (Unit:mm)
		372.0 x 260.0 x 82.0 (Unit:mm) with Bracket