

# Single band Duplexer 1800MHz outdoor

Model : DUP-1050

## Feature

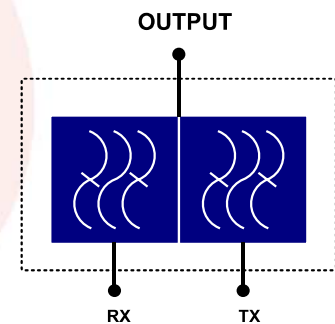
- Telecommunication purpose
- Outdoor Antenna combiner for 2G/3G/4G
- Engineer prototype

## Application

These duplexer for various purpose of telecommunication equipment for outdoor use



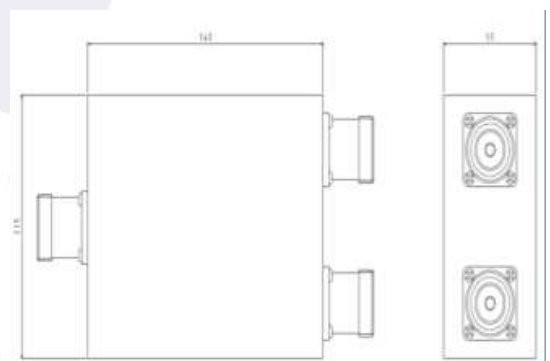
## Block diagram



## Electrical characteristics

	RX Port	TX Port
Frequency Band	882-915MHz	927-960MHz
Insertion Loss	≤ 1.2 dB max	
V.S.W.R	≤ 1.2 max	
Isolation between UL and DL	60 dB min	
PIM	-153 dBc (3rd order with 2x20W)	
DC pass	DC 30V - 2.5A (max 50V)	
Impedance	50Ω	
Average Maximum Power	CW 100W Max	

## Drawing



## Mechanical characteristics

Dimensions	140×115×55 mm (Height x Width x Depth)
Connector	DIN 7/16-Female
Number of Port	Input: 2 ports, Output: 1 port
Mounting type	Wall & Poll
Bracket	Stainless steel
Color	Beige

## Environmental characteristics

Operating Temperature	-30 to +60°C
Storage Temperature	-30 to +60°C
Relative Humidity	0-98% @ + 35°C
Waterproof	IP-65
RoHS Applicant	Complied