



Same band combiner, diplexer, 900MHz same band combination. 1850-1890/1930-1970MHz and 1895-1900/1975-1980MHz, double unit 4-input / 2-output, 4.3-10 female, -155dBc, DC bypass for all ports, 19-inch cabinet installation.

## General Specifications

Product Type	Same Band Combiner
Channel Number	2-way Diplexer
Frequency Band	1850-1890/1930-1970MHz   1895-1900/1975-1980MHz
Input / Output	4-input and 2-output
Structure	Double Unit
Connector Interface	4.3-10 female

## Electrical Specifications

Frequency Band (MHz)	1850-1890/1930-1970	1895-1900/1975-1980
Return Loss	≤-20.8 dB	≤-20.8 dB
VSWR	≤1.20	≤1.20
Insertion Loss	≤0.5 dB	≤0.5 dB
Isolation	≥45 dB	≥45 dB
Intermodulation (3rd order)	≤-155dBc@2×43dBm	
DC Bypass	DC bypass for all ports	
Power Handling	200 watts per port	
Impedance	50 ohms	

## Material Specifications

Cavity	Cavity Enclosure	Aluminum alloy
	Cavity Outer Surface Treatment	Painting
	Cavity Inner Surface Treatment	Cu3Ag1
	Inner Conductor	Aluminum alloy
	Inner Conductor Surface Treatment	Ag1
Connector	Outer Conductor	Brass
	Outer Conductor Surface Treatment	Tri-metal CuSnZn3
	Inner Conductor	Brass
	Inner Conductor Surface Treatment	Ag1
	Insulator	PTFE/TPX
	Gasket	Silicon rubber

## Mechanical Specifications

Height	2U
Weight	3 kg
Connectors Type	4.3-10 female
Mounting	19-inch Rack
Packing	1pcs in box

## Environmental Specifications

Operating Temperature	-40 °C to +65 °C
Storage Temperature	-45 °C to +85 °C
Relative Humidity	5% - 95%
Application	Indoor

## Regulatory Compliances

ISO 9001:2015	Compliant
ROHS	Compliant
China RoHS	Compliant
UK RoHS	Compliant
REACH	Compliant
EU/CE	Compliant

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