



Multi-band RF combiner, quadplexer, 694-960MHz and 1710-1755/2110-2155MHz and 1850-1990MHz and 3300-3800MHz combination, double unit 8-input / 2-output, 4.3-10 female, -155dBc, DC bypass for all ports.

## General Specifications

Product Type	Multi-Band Combiner
Channel Number	4-way Quadplexer
Frequency Band	694-960MHz   1710-1755/2110-2155MHz   1850-1990MHz   3300-3800MHz
Input / Output	8-input and 2-output
Structure	Double Unit
Connector Interface	4.3-10 female

## Electrical Specifications

Frequency Band (MHz)	694-960	1710-1755/2110-2155	1850-1990	3300-3800
Return Loss	≤-20.8 dB	≤-20.8 dB	≤-20.8 dB	≤-20.8 dB
VSWR	≤1.20	≤1.20	≤1.20	≤1.20
Insertion Loss	≤0.5 dB	≤0.5 dB	≤0.5 dB	≤0.5 dB
Isolation	≥50 dB	≥50 dB	≥50 dB	≥50 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	Powder coating
	Cavity Inner Surface Treatment	Cu3Ag1
	Inner Conductor	Aluminum alloy
Connector	Inner Conductor Surface Treatment	Ag1
	Outer Conductor	Brass
	Outer Conductor Surface Treatment	Tri-metal CuSnZn3
	Inner Conductor	Brass
	Inner Conductor Surface Treatment	Ag1
	Insulator	PTFE/TPX
	Gasket	Silicon rubber

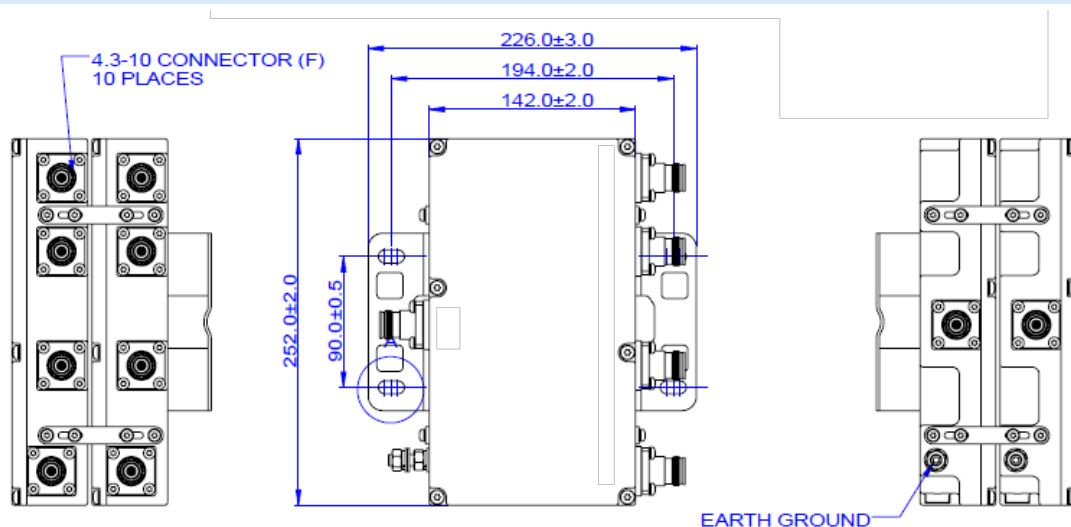
## Mechanical Specifications

Dimension	252×142×110 (mm, excluding connectors and brackets)
Weight	8.5 kg
Connectors Type	4.3-10 female
Mounting	Wall and pole
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	IP67

## Outline Drawing



## Regulatory Compliances

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

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