



Multi-input multi-output combiner, 900/1800/2100/2600MHz, 16-input / 4-output, used for passive DAS deployment, 7/16 DIN female, -150dBc, 19-inch rack installation.

General Specifications

Product Type	Point of Interface
Frequency Pass Band	900 1800 2100 2600
Input / Output	16-input and 4-output
Installation	19" Rack
Connector Interface	7/16 DIN female

Electrical Specifications

Frequency Pass Band	Port 1-4	880-960 MHz
	Port 5-8	1710-1880 MHz
	Port 9-12	1920-2170 MHz
	Port 13-16	2300-2700 MHz
Return Loss	≤-17.7 dB	
VSWR	≤1.30	
Insertion Loss	≤8.5 dB	
Same Band Isolation	≥20 dB	
Cross Band Isolation	≥80 dB	
Intermodulation (3rd order)	≤-150dBc@2×43dBm	
Power Handling	100 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
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

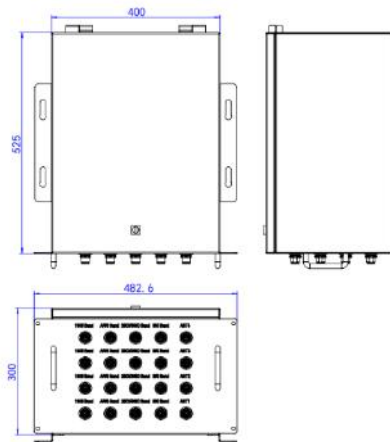
Mechanical Specifications

Dimension	438×300×525 (mm, excluding connectors and brackets)
Weight	15 kg
Connectors Type	7/16 DIN 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

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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