



Multi-input multi-output combiner, point of interface, with the frequency band of 850/1800/2100/2600MHz, 20-input / 2-output, used for passive DAS deployment, 7/16 DIN female, -150dBc.

## General Specifications

Product Type	Point of Interface
Frequency Pass Band	850   1800   2100   2600
Input / Output	20-input and 2-output
Connector Interface	7/16 DIN female

## Electrical Specifications

Frequency Pass Band	Port 1	824-835/869-880/845-846.5/890-891.5 MHz
	Port 2	824-835/869-880 MHz
	Port 3	835-845/880-890/846.5-849/891.5-894 MHz
	Port 4	1710-1725/1805-1820/1735-1740/1830-1835 MHz
	Port 5	1765-1775/1860-1870 MHz
	Port 6	1755-1765/1850-1860/1775-1785/1870-1880 MHz
	Port 7	1725-1735/1820-1830 MHz
	Port 8	1920-1935/2110-2125 MHz
	Port 9	1935-1945/2125-2135 MHz
	Port 10	1945-1955/2135-2145 MHz
	Port 11	1955-1965/2145-2155 MHz
	Port 12	1965-1980/2155-2170 MHz
	Port 13	2510-2530/2630-2650 MHz
	Port 14	2530-2540/2650-2660 MHz
	Port 15	2540-2550/2660-2670 MHz
	Port 16	2550-2570/2670-2690 MHz
	Port 17	2510-2530/2630-2650 MHz
	Port 18	2530-2540/2650-2660 MHz
	Port 19	2540-2550/2660-2670 MHz
	Port 20	2550-2570/2670-2690 MHz

Return Loss	≤-17.7 dB
VSWR	≤1.3
Insertion Loss	≤9.5 dB for 850/1800 ≤11.5 dB for 2100 ≤12.5 dB for 3500
Same Band Isolation	≥20 dB
Cross Band Isolation	≥60 dB
Intermodulation (3rd order)	≤-150dBc@2×43dBm
Power Handling	100 watts per port
Impedance	50 ohms

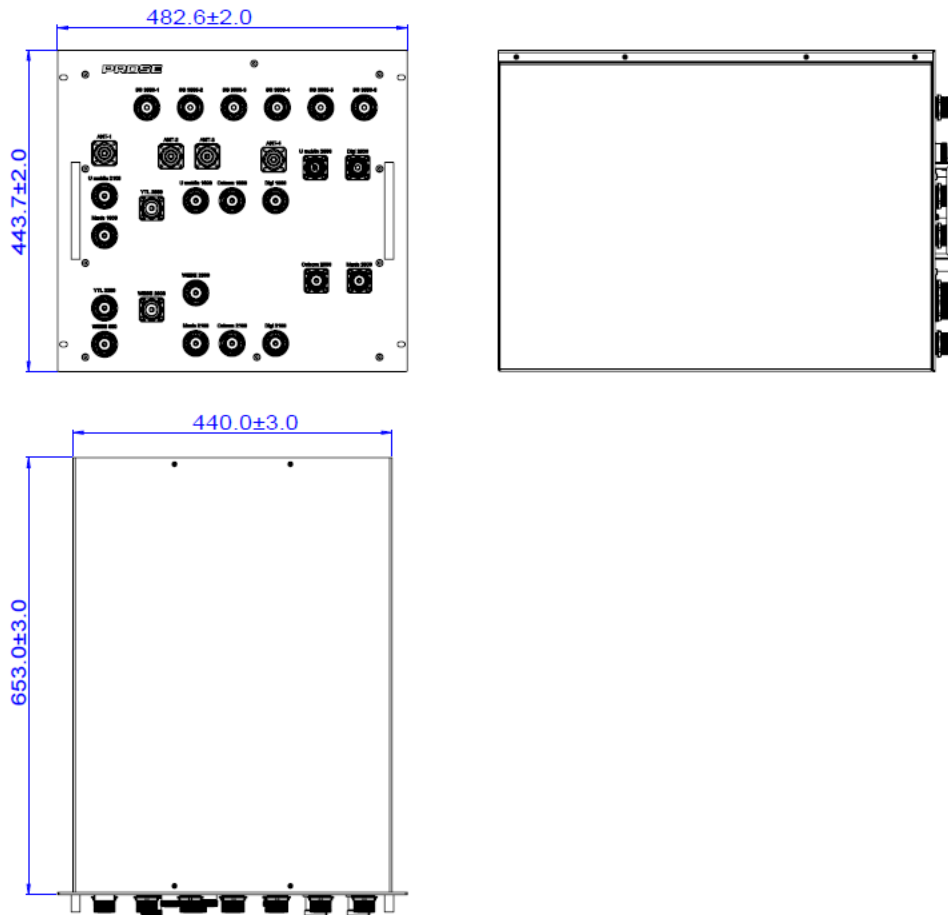
## Mechanical Specifications

Dimension	483×445×655 (mm, excluding connectors and brackets)
Weight	25 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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