

D15T01P32

Twin Hybrid Combiner



Product Classification

Product Type	Hybrid combiner
Product Brand	UltraBand™

General Specifications

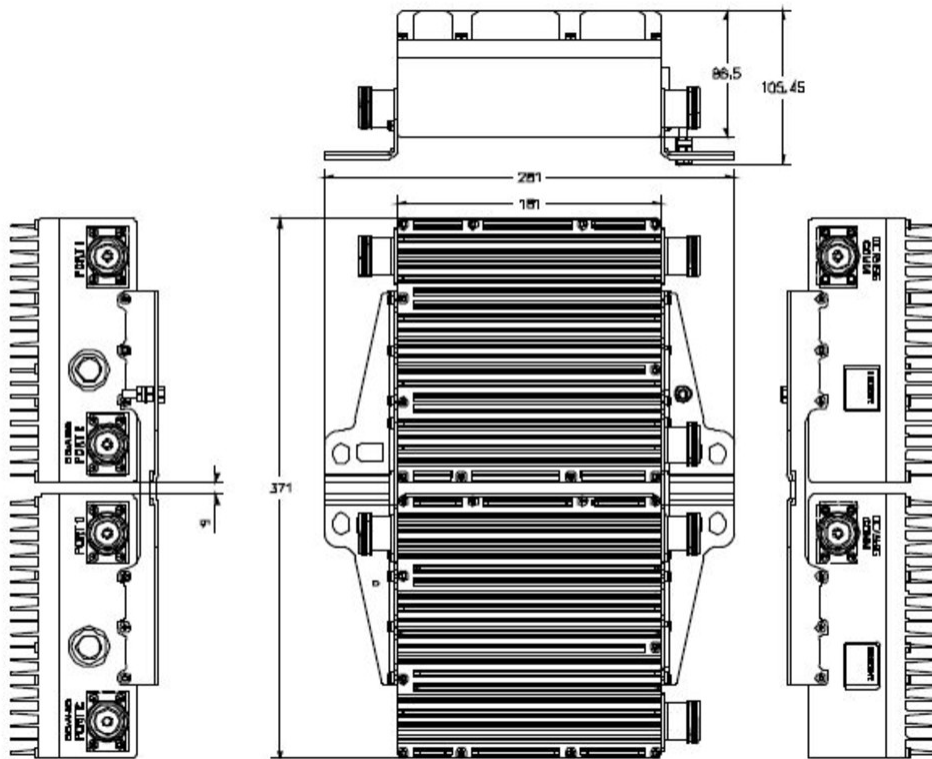
AISG Carrier	2176 KHz ± 100 ppm
Color	Gray
Connector Interface	7-16 DIN Female
Modularity	Two-pack twin
Mounting	Pole Wall
Mounting Pipe Hardware	Band clamps

Dimensions

Height	181 mm 7.126 in
Width	371 mm 14.606 in
Depth	86.5 mm 3.406 in
Ground Screw Diameter	6 mm 0.236 in

Outline Drawing

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Electrical Specifications

3rd Order IMD Test Method	Two +43 dBm carriers
3rd Order IMD, typical	-160 dBc
dc Pass-through	Branch 2
Lightning Surge Current	10 kA
Lightning Surge Current Waveform	8/20 waveform

Electrical Specifications, AISG

dc Current, maximum	2.5 A
Insertion Loss, maximum	0.5 dB
Return Loss, minimum	16 dB

Electrical Specifications, Branch 1

Coupling	3.1 dB
Coupling Tolerance	± 0.5 dB
Input Power, PEP	3000 W

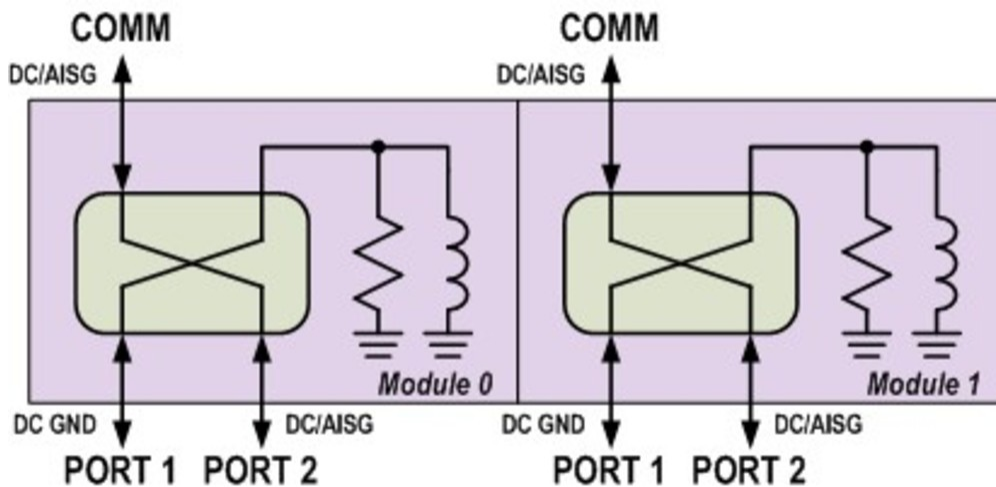
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Input Power, RMS	150 W
Isolation, typical	30 dB
Operating Frequency Band	698 – 2700 MHz
Port Designation	Port 1
Insertion Loss Ripple, maximum	±0.4 dB
Return Loss, minimum	20 dB

Electrical Specifications, Branch 2

Coupling	3.1 dB
Coupling Tolerance	±0.5 dB
Input Power, PEP	3000 W
Input Power, RMS	150 W
Isolation, typical	30 dB
Operating Frequency Band	698 – 2700 MHz
Port Designation	Port 2
Insertion Loss Ripple, maximum	±0.4 dB
Return Loss, minimum	20 dB

Block Diagram



Environmental Specifications

Operating Temperature	-40 °C to +65 °C (-40 °F to +149 °F)
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Ingress Protection Test Method IEC 60529:2001, IP67

Packaging and Weights

Included Mounting hardware

Weight, net 9 kg | 19.842 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

