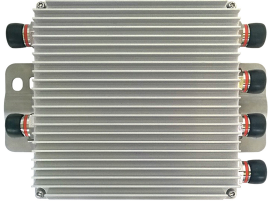# CHB3359T-43 | D15T01P40

Twin Hybrid Combiner 3300-5925MHz, 4.3-10 Connectors

- New combining solution for CBRS and LAA bands
- Ideal for combining carriers of any technology combination (LTE, UMTS, CDMA, GSM, etc.) independent of guard band restrictions
- Integrated low PIM load allows for simplified installation
- Self-contained housing ensures highest reliability in severe environments
- DC-AISG passing capability from Port 2 to Common Port
- New 4.3-10 connectors for improved PIM performance and size reduction

Product Classification

Product Type	Hybrid combiner

General Specifications

AISG Carrier	2176 KHz ± 100 ppm
Color	Gray
Connector Interface	4.3-10 Female
Modularity	Twin
Mounting	Pole	Wall
Mounting Pipe Hardware	Band clamps

Dimensions

Height	168 mm	6.614 in
Width	166 mm	6.535 in
Depth	50 mm	1.969 in
Ground Screw Diameter	6 mm	0.236 in

Outline Drawing

COMMSCOPE®
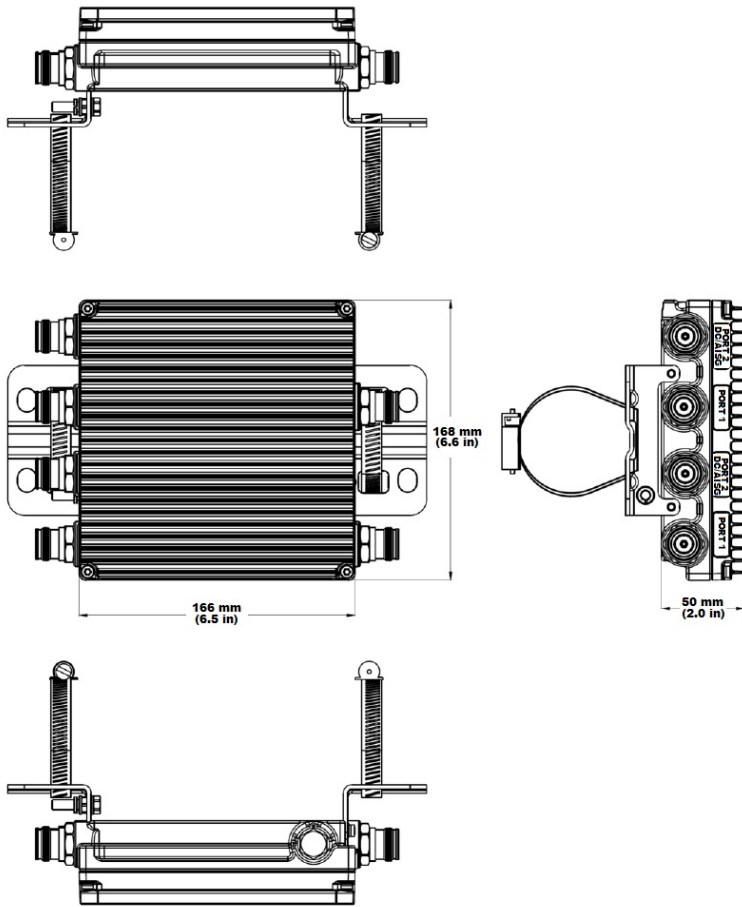
Electrical Specifications

3rd Order IMD Test Method	Two +43 dBm carriers
3rd Order IMD, typical	-161 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

Electrical Specifications, Branch 1

Coupling	3.2 dB

COMMSCOPE®

Coupling Tolerance	±0.5 dB
Input Power, PEP	400 W
Input Power, RMS	25 W
Isolation, minimum	25 dB
Operating Frequency Band	3300 − 5925 MHz
Port Designation	Port 1
Return Loss, typical	22 dB

Electrical Specifications, Branch 2

Coupling	3.2 dB
Coupling Tolerance	±0.5 dB
Input Power, PEP	400 W
Input Power, RMS	25 W
Isolation, minimum	25 dB
Operating Frequency Band	3300 − 5925 MHz
Port Designation	Port 2
Return Loss, typical	22 dB

Block Diagram
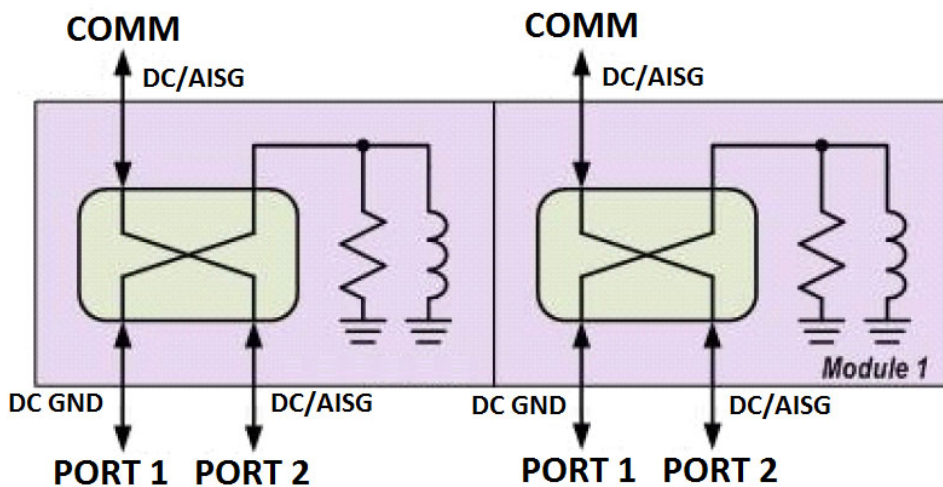
Environmental Specifications

Operating Temperature	-40 °C to +65 °C (-40 °F to +149 °F)

CHB3359T-43 | D15T01P40

Ingress Protection Test Method	IEC 60529:2001, IP67

Packaging and Weights

Included	Mounting hardware
Weight, net	2.6 kg	5.732 lb

Regulatory Compliance/Certifications

Agency	**Classification**
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

COMMSCOPE®