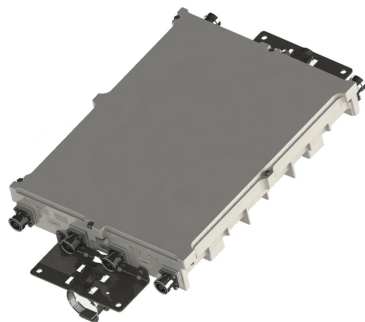


TD-PCS-1-FC3-C4C5 | E15Z50P59



Twin InBand Diplexer PCS FC3-C4C5,DC sense

OBSOLETE

Replaced By:

CHB626-43-2X
D15T01P38

Twin Hybrid Combiner

Product Classification

Product Type Diplexer

General Specifications

Color Gray

Connector Interface 7-16 DIN Female

Dimensions

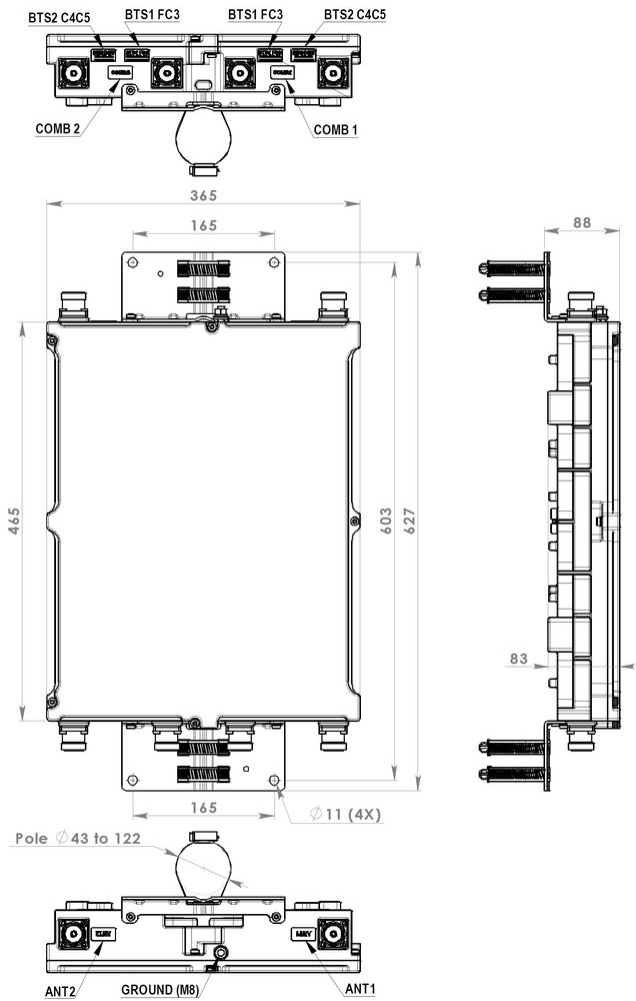
Height 465 mm | 18.307 in

Width 365 mm | 14.37 in

Depth 90 mm | 3.543 in

TD-PCS-1-FC3-C4C5 | E15Z50P59

Outline Drawing



Electrical Specifications

5th Order IMD Test Method	Two +43 dBm carriers
5th Order IMD, maximum	-153 dBc
Lightning Surge Current	10 kA
Lightning Surge Current Waveform	8/20 waveform

Electrical Specifications, Rx (Uplink)

Frequency Band	1890.625 – 1899.375 MHz
Insertion Loss, typical	0.8 dB
Isolation, typical	28 dB

TD-PCS-1-FC3-C4C5 | E15Z50P59

Total Group Delay, maximum 250 ns

Electrical Specifications 2, Rx (Uplink)

Frequency Band 1900.5 – 1909.5 MHz

Isolation, typical 28 dB

Total Group Delay, maximum 250 ns

Insertion Loss, typical 0.8 dB

Electrical Specifications, Tx (Downlink)

Frequency Band 1970.625 – 1979.375 MHz

Isolation, typical 28 dB

Input Power, PEP, maximum 3000 W

Input Power, RMS, maximum 100 W

Total Group Delay, maximum 250 ns

Insertion Loss, typical 0.8 dB

Return Loss, typical 18 dB

Electrical Specifications 2, Tx (Downlink)

Frequency Band 1980.5 – 1989.5 MHz

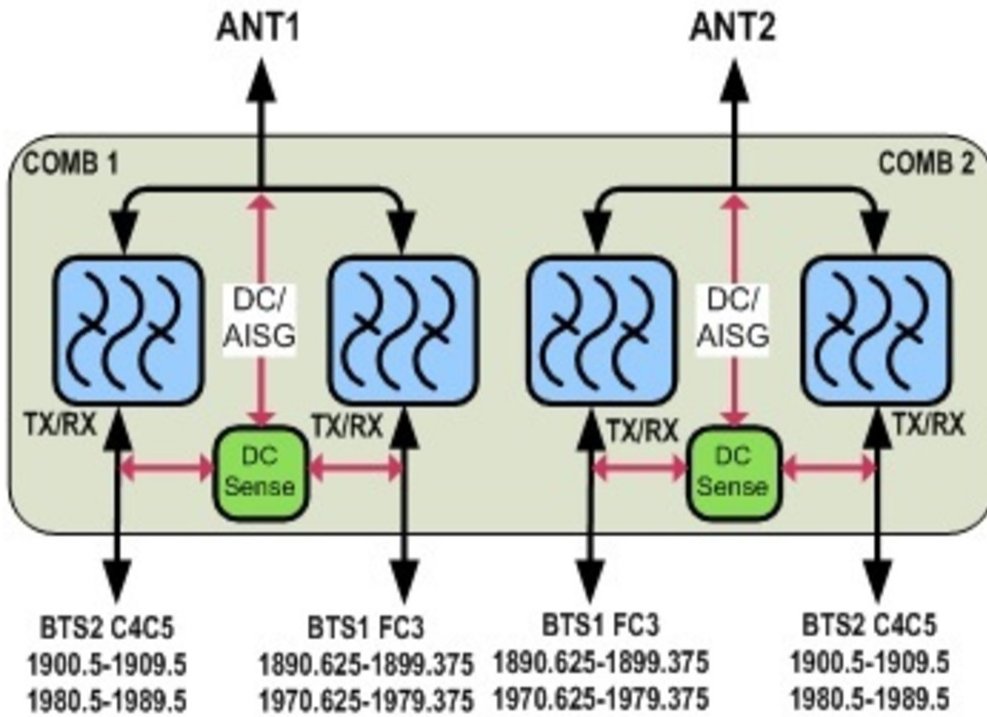
Insertion Loss, typical 0.8 dB

Isolation, typical 28 dB

Return Loss, typical 18 dB

Total Group Delay, maximum 250 ns

Block Diagram



Environmental Specifications

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

Ingress Protection Test Method IEC 60529:2001, IP67

Packaging and Weights

Weight, net 15.8 kg | 34.833 lb