STX192158T-43 | E14F60P17



Compact Twin Triplexer PCS/AWS/2305-5925 MHz, DC blocking, 4.3-10 connectors

- BTS-to-feeder and feeder-to-antenna application
- New 4.3-10 connectors for improved PIM performance and size reduction
- Ideal for small cell applications

76 mm | 2.992 in

• dc/AISG blocking on all ports (DC grounded)

Product Classification

Depth

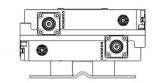
Product Type	Triplexer	
General Specifications		
Color	Gray	
Common Port Label	Common	
Modularity	2-Twin	
Mounting	Pole Wall	
RF Connector Interface	4.3-10 Female	
RF Connector Interface Body Style	Long neck	
Dimensions		
Height	135 mm 5.315 in	
Width	185 mm 7.283 in	

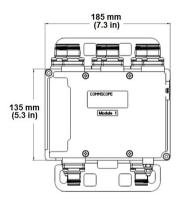


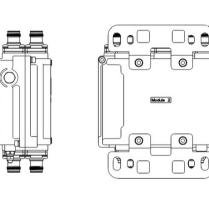
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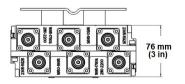
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Outline Drawing









Electrical Specifications

Impedance	50 ohm
License Band, Band Pass	AWS 1700 AWS 2000 LAA 5000 PCS 1900 TDD 1900 TDD 2000 TDD 2300 TDD 2600 TDD 3500 WCS 2300

Electrical Specifications, dc Power/Alarm

Lightning Surge Current	5 kA
Lightning Surge Current Waveform	8/20 waveform

Electrical Specifications

Sub-module	1 2	1 2	1 2	1	1 2
Branch	1	2	3	3	3
Port Designation	PCS	AWS	2305-5925	2305-5925	2305-5925
License Band	PCS 1900, Band	AWS 1700, Band Pass	WCS 2300, Band	TDD 3500, Band	LAA 5000, Band

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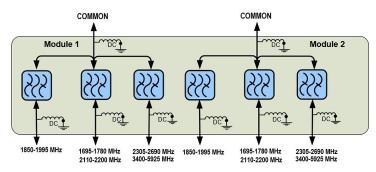


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	Pass	AWS 2000, Band Pass	Pass	Pass	Pass
Electrical Specifications, Band Pass					
Frequency Range, MHz	1850-1995	1695–1780 2110–2200	2305-2690	3400-4200	5150-5925
Insertion Loss, typical, dB	0.3	0.3	0.3	0.3	0.3
Total Group Delay, maximum, ns	20	25	25	25	25
Return Loss, minimum, dB	20	20	20	20	20
Isolation, minimum, dB	35	35	35	35	35
Input Power, RMS, maximum, W	100	100	100	100	100
Input Power, PEP, maximum, W	1000	1000	1000	1000	1000
3rd Order PIM, maximum, dBc	-161	-161	-161	-145	-145
3rd Order PIM Test Method	2 x 20 W CW tones	2 x 20 W CW tones	2 x 20 W CW tones	2 x 20 W CW tones	2 x 5 W CW tones

Block Diagram



Mechanical Specifications

Wind Loading @ Velocity, frontal	32.0 N @ 150 km/h (7.2 lbf @ 150 km/h)
Wind Loading @ Velocity, lateral	7.0 N @ 150 km/h (1.6 lbf @ 150 km/h)

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

Included

Mounting hardware

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Volume

1.9 L

Weight, without mounting hardware

3.2 kg | 7.055 lb

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