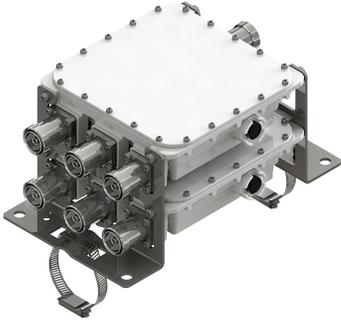


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2X Triplexer 1710-1880/1920-2170/2300-2690, dc/AISG blocking on all ports

- Industry leading PIM performance
- Twin configuration
- Designed for network Modernization, introduction of LTE2300 on existing site
- Designed for network Modernization, introduction of LTE2600 on existing site
- dc/AISG blocking on all ports

Product Classification

Product Type Triplexer

General Specifications

Product Family CBC182126

Color Gray

Common Port Label COMM

Modularity 2-Twin

Mounting Pole | Wall

Mounting Pipe Hardware Band clamps (2)

RF Connector Interface 7-16 DIN Female

RF Connector Interface Body Style Long neck

Dimensions

Height 182.5 mm | 7.185 in

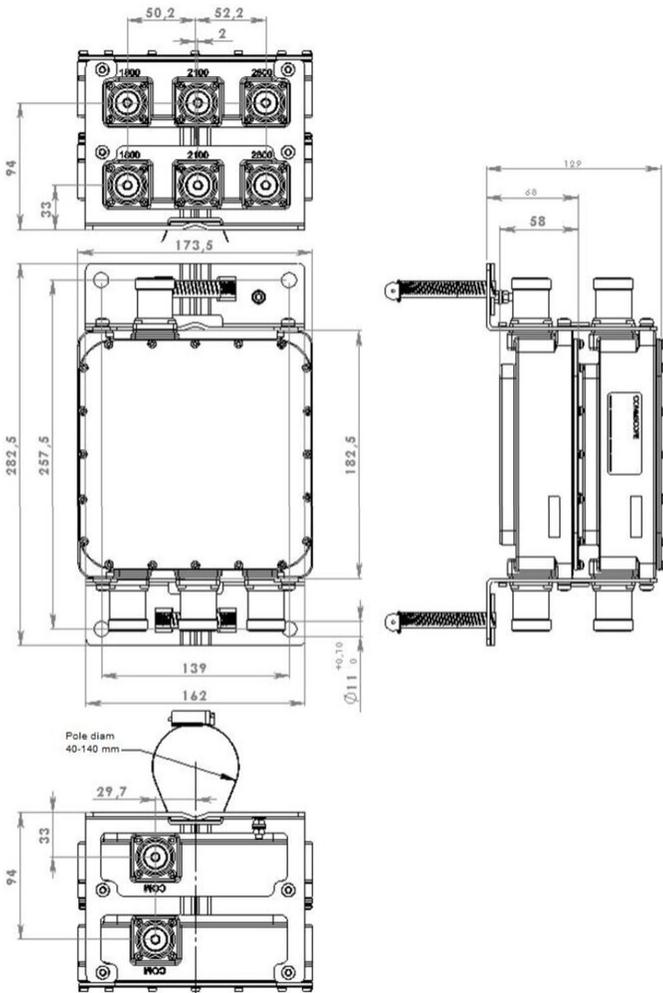
Width 129 mm | 5.079 in

Depth 173.5 mm | 6.831 in

Mounting Pipe Diameter Range 40–140 mm

Outline Drawing

E11F01P8191



Electrical Specifications

Impedance	50 ohm
License Band, Band Pass	DCS 1800 IMT 2100 IMT 2600 TDD 2300 TDD 2600 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
Branch	1	2	3
Port Designation	1800	2100	2300-2600

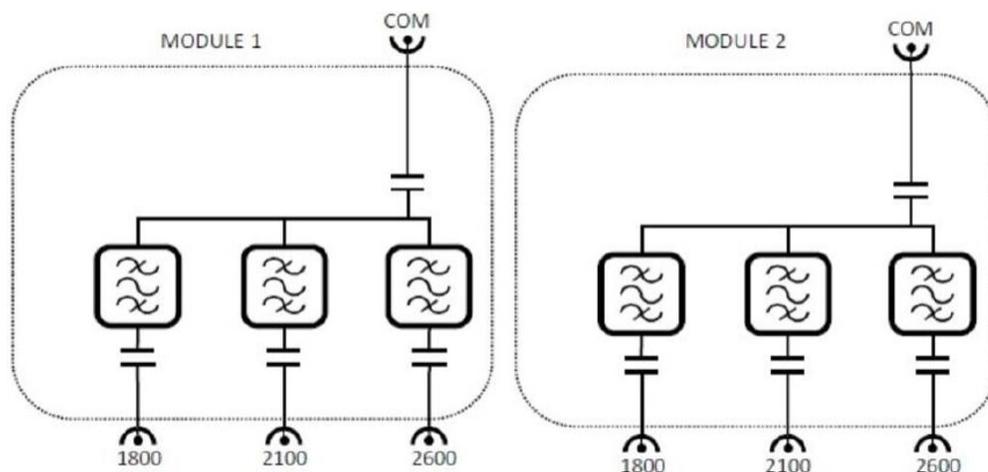
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License Band	DCS 1800, Band Pass	IMT 2100, Band Pass	TDD 2300, Band Pass WCS 2300, Band Pass IMT 2600, Band Pass TDD 2600, Band Pass
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Electrical Specifications, Band Pass

Frequency Range, MHz	1710–1880	1920–2170	2300–2690
Insertion Loss, maximum, dB	0.3	0.3	0.3
Insertion Loss, typical, dB	0.25	0.25	0.2
Return Loss, minimum, dB	18	18	18
Return Loss, typical, dB	20	20	20
Isolation, minimum, dB	50	50	50
Input Power, RMS, maximum, W	300	300	300
3rd Order PIM, typical, dBc	-160	-160	-160
3rd Order PIM Test Method	Two +43 dBm carriers	Two +43 dBm carriers	Two +43 dBm carriers

Block Diagram



Environmental Specifications

Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Relative Humidity	Up to 100%
Corrosion Test Method	IEC 60068-2-11, 30 days
Ingress Protection Test Method	IEC 60529:2001, IP67

Packaging and Weights

Included	Mounting hardware
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E11F01P8191

Volume 3.9 L
Weight, net 6.2 kg | 13.669 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above 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/Exempted

