E11F02P41

Triplexer 1710-1880/1920-2170/2300-2600, dc bypass port 2

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OBSOLETE

This product was discontinued on: June 30, 2022

Replaced By:

E12F01P80   Triplexer 1710-1880/1920-2170/2300-2690, dc bypass on all ports, with 4.3-10 connectors

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Product Classification

Product Type	Triplexer

General Specifications

|	
Product Family	CBC182126
Color	Gray
Common Port Label	COM
Modularity	1-Single
Mounting	Pole | Wall
Mounting Pipe Hardware	Band clamps (2)
RF Connector Interface	7-16 DIN Female
RF Connector Interface Body Style	Medium neck

Dimensions

Height	182.5 mm | 7.185 in
Width	58 mm | 2.283 in
Depth	173.5 mm | 6.831 in
Mounting Pipe Diameter Range	42.6–122 mm

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Outline Drawing
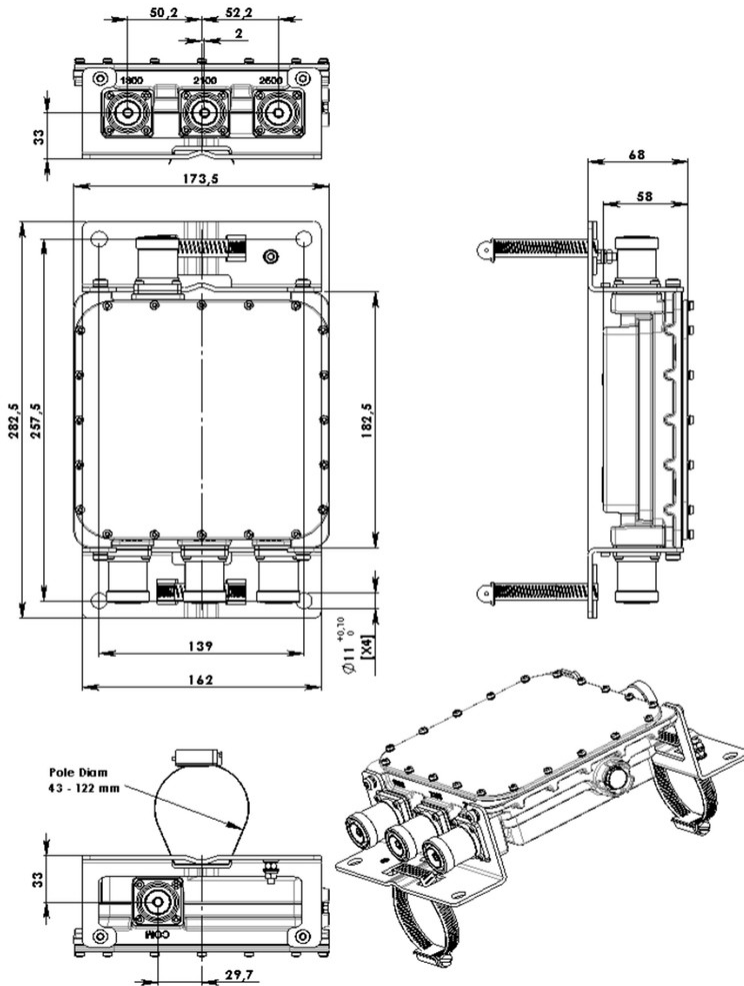
Electrical Specifications

Impedance	50 ohm
License Band, Band Pass	DCS 1800 | IMT 2100 | IMT 2600

Electrical Specifications, dc Power/Alarm

dc/AISG Pass-through, combiner	Branch 2
dc/AISG Pass-through, demultiplexer	Branch 2
Lightning Surge Current	5 kA
Lightning Surge Current Waveform	8/20 waveform

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Electrical Specifications

Sub-module	1	1	1
Branch	1	2	3
Port Designation	1800	2100	2600
License Band	DCS 1800, Band Pass	IMT 2100, Band Pass	IMT 2600, Band Pass

Electrical Specifications, Band Pass

Frequency Range, MHz	**1710–1880**	**1920–2170**	**2300–2690**
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
3rd Order PIM, maximum, dBc	-155	-155	-155
3rd Order PIM Test Method	Two +43 dBm carriers	Two +43 dBm carriers	Two +43 dBm carriers

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Block Diagram
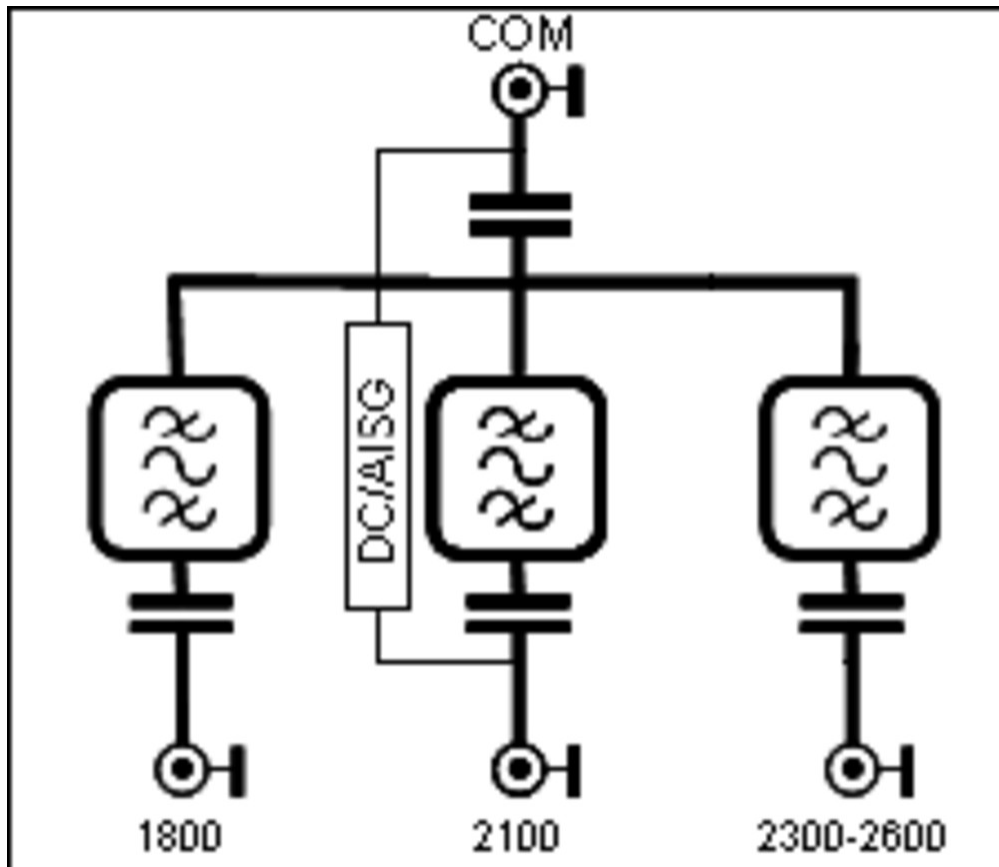
Environmental Specifications

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
Volume	1.8 L
Weight, net	3.1 kg | 6.834 lb

Regulatory Compliance/Certifications

Agency	**Classification**

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