7715012-01 | i-POI 8 x 1:2

ION® Passive Intelligent Point of Interface 8 x 1:2 Combining Module

Product Classification

Product Type	Combiner
Product Brand	i-POI™

General Specifications

DAS Interface Location, Rx from DAS	Front
DAS Interface Location, Tx to DAS	Front
Input Connector Interface	QMA Female
Input Connector, quantity	16
Note	One 4U 19" POI subrack can hold up to 8 passive combining modules
Output Connector Interface	QMA Female
Output Connector, quantity	8

Dimensions

Height	180 mm	7.087 in
Width	50 mm	1.969 in
Depth	137 mm	5.394 in

Electrical Specifications

Insertion Loss, maximum	3.9 dB
Return Loss, minimum	16 dB
Composite Input Power per Port at Single Port Operation, maximum	33 dBm
Composite Input Power per Port, nominal	27 dBm
Flatness, maximum	0.7 dB
Impedance	50 ohm
Isolation at Frequency Band	18 dB @ 698–2700 MHz
Operating Frequency Band	698 – 2700 MHz

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RF Ports per Section, quantity	3
Sections, quantity	8

Environmental Specifications

Operating Temperature	-5 °C to +65 °C (+23 °F to +149 °F)
Storage Temperature	-25 °C to +70 °C (-13 °F to +158 °F)
Ingress Protection Test Method	IEC 60529:2001, IP20
Mean Time Between Failures (MTBF) at Temperature	50,000 h @ 25 °C

Packaging and Weights

Height, packed	125 mm | 4.921 in
Width, packed	225 mm | 8.858 in
Depth, packed	365 mm | 14.37 in
Weight, net	1.2 kg | 2.646 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.andrew.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

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