7715018-01 | i-POI 4 x 1:4



ION® Passive Intelligent Point of Interface 4 x 1:4 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 **OMA** Female **Input Connector Interface** Input Connector, quantity 16 Note One 4U 19" POI subrack can hold up to 8 passive combining modules **Output Connector Interface OMA** Female **Output Connector, quantity** 4 Dimensions Height 180 mm | 7.087 in Width 50 mm | 1.969 in Depth 137 mm | 5.394 in **Electrical Specifications** 7.2 dB Insertion Loss, maximum 15 dB **Return Loss, minimum** Composite Input Power per Port at Single Port Operation, maximum 33 dBm 27 dBm **Composite Input Power per Port, nominal** 0.7 dB Flatness, maximum Impedance 50 ohm **Isolation at Frequency Band** 15 dB @ 698-960 MHz | 18 dB @ 960-2700 MH7

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Operating Frequency Band	698 – 2700 MHz
RF Ports per Section, quantity	5
Sections, quantity	4

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	

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
UK-ROHS	Compliant



Weight, net

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