

**Broadband Solutions**

760142000 | BOS-RX-02-1-11

Low Noise Return Path Receiver, dual receivers, single wide card, low optical input range, MCX and SC/APC connectors

Optical Specifications

Dynamic Range at NPR, minimum	16 dB @ 30 dB
Input Power, maximum	-13 dBm
Input Power, minimum	-28 dBm
Return Loss, minimum	40 dB
Wavelength, maximum	1620.00 nm
Wavelength, minimum	1260.00 nm

Rf Specifications

Equivalent Input Noise (EIN), maximum	1.00 pA/sqrt Hz
Frequency Response	±1.5 dB
Mute Isolation, minimum	65 dB
Operating Frequency Band	5–85 MHz
Output Power, one carrier	35 dBmV
Test Point	-20 dB
Test Point Tolerance	±1.5 dB
Tilt Across Frequency Band, typical	2.00 dB

Electrical Specifications

Electrical Safety Standard	c-UL-us CE US FCC Part 15B
Power Consumption, maximum	3.1 W

Environmental Specifications

Operating Temperature	0 °C to +50 °C (+32 °F to +122 °F)
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Mechanical Specifications

Management Interface	HTTP SNMP agent
Management Options	Current Hardware/Firmware version Optical level RF attenuation Temperature Voltage
Optical Port Interface	SC/APC Female
RF Port Impedance	75 ohm
RF Port Interface	MCX Female

General Specifications

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Brand	BOS™
Note	Requires chassis
Rack Type	EIA 19 in
Rack Units	3
Warranty	One year

Dimensions

Depth	215.14 mm 8.47 in
Height	122.17 mm 4.81 in
Net Weight	0.36 kg 0.80 lb
Width	17.27 mm 0.68 in

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

* Footnotes

Dynamic Range at NPR, minimum NPR—Noise/Power Ratio