



HXI Gigalink LightSpeed™ 7186R

- FCC Compliance Verification Tool
- Interference Identification for 71 – 76 GHz & 81 – 86 GHz
- Simultaneous Full-Band, Phase-Locked Downconversion
- Pointing & Link Verification Augmentation Receiver

Millimeter Wave Performance	7186R Specifications
Frequency Ranges	71.0 to 76.0 GHz and 81.0 to 86.0 GHz (in 2 channels)
IF Outputs (2) Net	1.0 to 6.0 GHz, outputs to user-provided spectrum analyzer 80 dB typ
RF/IF Gain	8 dB typ
Noise Figure	
Antenna Type	Conical Feed with Radome
Gain	20 dBi typ
Antenna 3dB Beamwidth	20° typ
Interfaces	
IF Interface	Type N
Management	Female RJ45
Power	MIL-C-5015-type connector for 12 to 16 AWG, 3-conductor cable
Management	
Monitoring and Control	Built-in web browser-based GUI

*All specifications are subject to change without notice



Model 7186R

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Remote Monitoring	10/100 Ethernet
Regulatory Compliance	
Electrical EMC	UL - UL60950, EN-60950-1, IEC 609050-1 EN 55022, Emissions Class A, EN 301 489 Immunity
Power	
Input Voltage Power Consumption	-48 VDC nominal (-40 to -57 VDC) 30W Max., AC/DC power supply included
Environmental & Mechanical	
Operating Temperature Storage Temperature Relative Humidity Transceiver H x W x D Transceiver Weight	-30°C to 60°C (-22°F to 140°F) -30°C to 85°C (-22°F to 185°F) Up to 95%, non-condensing 13 x 13 x 14.7 in. (33 x 33 x 37.3 cm) 18 lbs (8 kg) including antenna and mount

OPTIONS

- Sighting scope
- One and two foot antennas for higher sensitivity/discrimination
- Low loss Type N cable
- Factory training

HXI Gigalink™ 7186R Specifications

- Easy mounting and setup
- Operating manual with step by step instructions