



...communicating at the speed of light

FT-HHRX-1000-SC-MINI FTTH Mini Optical Node

Features:

- Wavelength: 1200 - 1600nm
- 47-1000 MHz Forward Path Receiver
- Wide optical input range -8dBm to +2dBm
- Low-noise GaAs chip, excellent non-linear distortion performance
- Low power consumption: <1W
- External high-quality power adapter
- Single Mode Fiber, SC/APC Connection



Description:

The FT-HHRX-1000-SC-MINI is a state of the art fiber node with a receive frequency range of 47 to 1000 MHz. These units offer flexibility in operation and maintenance with GaAs chip technology which provides low distortion and a flexible input level. Featuring low power consumption the FT-HHRX-1000-SC-MINI is perfect for commercial and residential applications. The unit provides a stable RF output level when fed with with input levels between -8dBm and +2dBm.

Specifications:

Optical

Working Wavelength	1200 - 1600 nm
Optical Connector	SC/APC
Input Optical Power Range	-8 to +2 dBm
Equivalent Input Noise Current	<4pA/√H

RF

Bandwidth	47 - 1000 MHz
Flatness	+/-0.75 dB
Impedance	75 Ohms
RF Output Ports	1
RF Output Level	20 dBmV
Output Return Loss	≥12 dB
Carrier to Noise Ratio (CNR)	>51 dBc
Composite Triple Beat (CTB)	>65 dBc
Composite Second Order (CSO)	>61 dBc

General

Dimensions	2.75"W x 1.77"H x .06"D
Power Supply Input Voltage	120VAC
Power Supply Output Voltage	5VDC
Power Consumption	<1VA
Operating Temperature	-4°F to +122°F
Storage Temperature	-31°F to +158°F
Operating Humidity	10% - 90% (non-condensing)
Weight	0.25 lbs.

Ordering Information:

FT-HHRX-1000-SC-MINI Miniature fiber optic receiver with SC/APC fiber input

Contents Include:

- 1 Fiber optic node
- 1 Power supply