

# ULTRA MINI OPTICAL NODE [OFCNRS-x-SA-x]

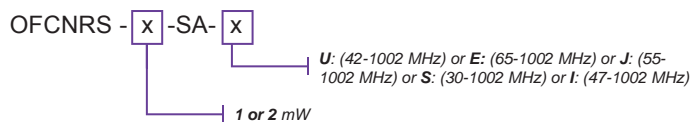
Fiber Products, Nodes



## Features

- 5 - 1002 MHz Frequency Design
- Compact Aluminum Alloy Housing for Easy Installation
- Output Level +90 dB $\mu$ V with -2 dBm Optical Input
- -20 dB Test Points for Forward and Return Testing
- RF Power Port or Through Designated F Port (via Power Inserter)
- Power Adapter Included
- Equipped with WDM Technology

## Ordering Information



\*\* S: includes a South American power adaptor // U: includes a US power adaptor  
 // E: includes a European power adaptor // J: includes a Japanese power adaptor  
 // I: includes an India power adaptor



## RF / Optical Receiver

Forward Frequency Range	40 - 1002 MHz
RF Output Level (@ -1 dBm input)	90 dB $\mu$ V
Flatness	$\pm$ 0.5 dB
Output Return Loss	> 18 dB
<b>Distortion performance (@ -1 dBm input)</b>	
CNR	51 dBc
CSO	-62 dBc
CTB	-65 dB



## Optical Receiver Feature

Optical Wavelength	1300 - 1600 nm
Input Optical Power	-6 dBm      2 dbm
Optical Return Loss	> 55 dB
Optical Connector Type	SC / APC
State Green	> -6
State Red	< -6

## General Specifications

Operating Temperature	-30 to 50 °C (-22 to 122 °F)
Power Supply	12 VDC 280 mA
Surge withstand RF In/Out Ports	6KV, 8/20 us combo wave 3kA 0.5 $\mu$ S-100KHz ringwave 6kv/200A
Dimensions	84 x 74 x 26 mm (3.3 x 2.9 x 1.02 in.)