

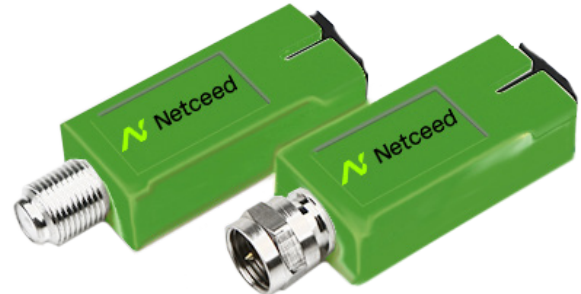
# Nano-Node Receiver

MUL-NN-Y-R-F-SC/APC

The unique Netceed MUL-NN-Y-R Optical Nano-Node Receiver family of Optical Nano-Node products was specifically developed for broadband networks, accommodating Fiber to the Home (FTTH) network topology and providing a coaxial consumer connection, all without external AC adapters or power supplies. The Netceed Nano-Node does the optical to RF conversion using circuitry all powered simply by the incoming optical signal.

## Features

- Completely passive
- Mini size
- Easy to install
- No setup
- High quality plastic case
- SC/APC, with multiple coax and fiber connector options available



## Product Specifications

Parameter	Specification
Material	High quality plastic case
Wavelength	1100 - 1600nm & 1550nm
Input optical power	Analog Signal): 0 to -7dBm, Digital Signal: 0 to -10dBm
Return loss	>45dB
Optical connector	SC/APC, Optional: FC/APC, SC/UPC, FC/UPC
Bandwidth	40-862 MHz
Flatness	±0.75dB @ 40-862 MHz & 1006 MHz
RF output level	≥16dB @ 40-550 MHz, ≥14dB @ 550-862 & 1006 MHz
Output port level	>68dBuV (0dBm test)
CNR	≥51dB
CTB	≥65dB
CSO	≥62dB
Working temperature	-13 - 113°F (-25 - 45°C)
Input/Output port	1 each
RF output impedance	75 Ohm

