

AFCP-R4X25PL-Series

4x25Gb/s ROSA for 100 Gigabit Ethernet



Product Brief



Description

Avago Technologies' AFCP-R4X25PL-Series ROSA is a 4x25Gb/s, 1310nm LAN WDM receive optical sub-assembly, containing an optical de-multiplexer, to separate the four incoming wavelengths, four high reliability, high performance PIN photodiodes, and a quad transimpedance amplifier (TIA). These are packaged in an hermetic, planar package with an LC receptacle. The electrical interface is via two flex circuits. The ROSA is intended for use in CFP, CFP2 and CFP4 modules serving links at 4 x 25.78125 Gb/s, per 100GBASE-LR4.

Features

- Integrated 1:4 optical de-multiplexer/ filter
- Four high reliability, high performance PIN detectors
- Transimpedance amplifier (TIA) array
- 25.78125 Gb/s per channel operation
 - Capable of 27.952Gb/s operation
- Planar body compatible with CFP, CFP2 and CFP4
- Flex circuit electrical interface
- LAN WDM Wavelengths

For product information and a complete list of distributors, please go to our web site: www.avagotech.com

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