



NEW

RGN-3GSF Quad SFP Regenerator

The RGN-3GSF card provides a means to achieve increased channel density with a single LightGAIN cassette. The RGN-3GSF card supports numerous combinations and configurations utilizing, up to 4 SFP (Small Form factor Pluggable Transmitter/ Receiver) modules. It can be configured as either up to 4 regenerators, or up to 2 bi-directional transponders.

The RGN-3GSF card supports data rates from 12.3Mbps to 2.7Gbps in either 2R or 3R (user selectable) applications. With now available "hardened" SFPs, the RGN-3GSF can be developed in OSP cabinets.

Each of the 4 SFP slots in the RGN-3GSF supports MSA compliant SFPs which are available in many variants such as CWDM, DWDM and RJ-45 Copper Interface. The RGN-3GSF easily installs in the OMS-519 or OMS-219 shelves.

Features:

- Increased channel density on single card
- Supports up to 4 SFP modules
- 2 port (regenerator) and 4 port (transponder) applications
- Client and network side SFP interfaces
- Supports MSA compliant SFPs including: CWDM, DWDM, RJ-45 Copper interface
- 3R or 2R operation
- 12.3 Mbps to 2.7 Gbps (continuous)
- Environmentally hardened (NEBS 3)

Applications:

- CWDM, DWDM, 1000Base-T/X
- Regeneration
- Singlemode, Multimode conversion

Configuration:

