

# Ukraine RoHS compliant optical router PAM4

The optical transceiver supports a full QSFP-DD-compliant set of control, alarm, and monitoring features through a standard I2C management interface, as well as low speed control pins which support ...

They are compliant with the OSFP MSA and IEEE 802.3bs. Digital diagnostic functions are available via the I2C interface, as specified by the OSFP MSA. The optical transceiver is RoHS compliant as ...

The Datacenter Reach 4-channel (DR4) design uses 100G-PAM4 modulation and has a maximum fiber reach of 100-meters and assumes two optical patch panels in the link. It has identical ...

The table below provides a brief overview of the various optical breakout options, compatibility, and reach to 100G modules. Module optical interoperability can also be verified with the ...

NADDOD Generic Compatible OSFP-400G-DR4 is designed for 400G Ethernet links, supporting up to 500m over single-mode fibre. It is fully compatible and functional with mainstream switches and routers.

MPO-12/APC SMF Optical Transceiver Module can support a 1 x 400G connection or in breakout mode, 4 x 100G-DR applications.

QDD-400G-SR8-S Compatible QSFP-DD 400GBASE-SR8 PAM4 850nm 100m DOM MPO-16/APC MMF Optical Transceiver Module. This transceiver can be used in full 400G mode, 2 x 200G-SR4, 4 ...

The GIGALIGHT 400G OSFP-RHS pluggable optical transceiver modules support 400G Ethernet and InfiniBand NDR data rates. This portfolio includes VR4 50m,SR4 100m,DR4 500m,DR4+/FR4 2km ...

The 400G QSFP112 FR4 Transceiver is designed to transmit and receive serial optical data links up to 106.25 Gb/s data rate (per channel) by PAM4 modulation format over single-mode fiber.

The Marvell's PAM4 optical DSP portfolio, including Spica(TM) and Nova(TM) DSPs, addresses the critical the need for high-bandwidth optical interconnects to power AI infrastructure.



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