

DAM-FX10-20K Series

10G SFP+ module

The DAM-FX10-20K series single mode transceiver is small form factor pluggable Bidirectional module for duplex optical data communications such as 10GBASE-LR/LW defined by IEEE 802.3ae. It is with the SFP+ 20-pin connector to allow hot plug capability.

The BiDi SFP+ module transceiver is designed for single mode fiber and operates at a nominal wavelength of 1270nm or 1330nm; The transmitter section uses a multiple quantum well DFB, which is class 1 laser compliant according to International Safety Standard IEC-60825.

The receiver section uses an integrated InGaAs detector preamplifier (IDP) mounted in an optical header and a limiting post-amplifier IC. The transceiver designs are optimized for high performance and cost-effective to supply customers the best solutions for telecommunication.



Product Features

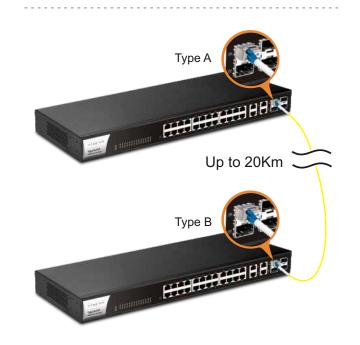
- Supports 9.95 to 11.3Gb/s bit rates
- Simplex LC Connector
- Supports Hot-pluggable BiDi SFP+ Moule
- SFP+ Module A : 1270nm DFB transmitter, 1330nm PIN photo-detector
- SFP+ Module B : 1330nm DFB transmitter, 1270nm PIN photo-detector
- Applicable for 20km SMF connection
- Compliant with IEEE 802.3ae 10GBASE-LR and 10GBASE-LW
- Compatible to SFF-8431
- Digital Diagnostic SFF-8472 Compliant
- Power Supply : +3.3V
- Temperature Range: 0~ 70 °C
- Compliant for enhanced EMI/EMC performance
- RoHS Compatible and Lead Free
- Supports DOM

Applications

- 10GBASE-LR at 10.3125Gbps
- 10GBASE-LW at 9.953Gbps
- 10G Fibre Channel
- 10G Network interface cards and Fiber Media Converters
- Other Optical Links

Operating Conditions

- Temperature
 - · Operating: 0 ~ 70 C
 - · Storage: -40 ~ 85
- Humidity
 - 0 ~ 85% RH (non-condensing)
- Power Supply Voltage
 3.3V
- Power Dissipation
 - \cdot < 1 Watt





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