



AVC-SFP-LX

Datasheet

Aiming to create better and safer working environments and life experiences through the products we deliver.



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Product Features

- Compliant to IEEE Std 802.3-2005 Gigabit
- Ethernet 1000Base-LX
- Specifications according to SFF-8074i and
- SFF-8472, revision 9.5
- Digital Diagnostic Monitoring available
- Uncooled 1310nm Fabry-Perot (FP)Laser
- Up to 1.25Gb/s bi-directional data links
- Duplex LC connector compliant
- Single +3.3V DC power supply
- Hot-pluggable SFP footprint
- Class 1 laser safety certified
- Operating temperature: -40°C to +85 °C
- Up to 10km on 9/125µm SMF
- RoHS Compliant



Applications

- 1.25Gb/s Ethernet 1000Base-LX
- 1.0625Gb/s Fiber Channel
- Industrial Ethernet Switches

Descriptions

AVC-SFP-LX-10 SFP transceivers, according to Small Form Factor Pluggable Multi-Sourcing Agreement (MSA) SFF-8074i and SFF-8472, revision 9.5, are designed for data communication on single mode fiber up to 10km. They are compliant with IEEE Std 802.3-2005 Gigabit Ethernet 1000Base-LX and Fiber Channel FC- PI-2 Rev.8.0.

AVC-SFP-LX-10 SFP transceivers offer a wide range of design options, including Digital Diagnostic Monitoring (DDM) features.

AVC-SFP-LX-10 are compliant with RoHS.



Ordering Information

Model Name	Description
AVC-SFP-LX-10	1G SFP optical port module, single-mode 10km, wide temperature
AVC-SFP-LX-10-D	1G SFP optical port module, single-mode 10km, wide temperature,DDM

Product Features

- Compliant to IEEE Std 802.3-2005 Gigabit
- Ethernet 1000Base-LX
- Specifications according to SFF-8074i and
- SFF-8472, revision 9.5
- Digital Diagnostic Monitoring available
- Uncooled 1310nm Fabry-Perot (FP)Laser
- Up to 1.25Gb/s bi-directional data links
- Duplex LC connector compliant
- Single +3.3V DC power supply
- Hot-pluggable SFP footprint
- Class 1 laser safety certified
- Operating temperature: -40°C to +85 °C
- Up to 20km on 9/125µm SMF
- RoHS Compliant



Applications

- 1.25Gb/s Ethernet 1000Base-LX
- 1.0625Gb/s Fiber Channel
- Industrial Ethernet Switches

Descriptions

AVC-SFP-LX-20 SFP transceivers, according to Small Form Factor Pluggable Multi-Sourcing Agreement (MSA) SFF-8074i and SFF-8472, revision 9.5, are designed for data communication on single mode fiber up to 20km. They are compliant with IEEE Std 802.3-2005 Gigabit Ethernet 1000Base-LX and Fiber Channel FC- PI-2 Rev.8.0.

AVC-SFP-LX-20 SFP transceivers offer a wide range of design options, including Digital Diagnostic Monitoring (DDM) features.

AVC-SFP-LX-20 are compliant with RoHS.



Ordering Information

Model Name	Description
AVC-SFP-LX-20	1G SFP optical port module, single-mode 20km, wide temperature
AVC-SFP-LX-20-D	1G SFP optical port module, single-mode 20km, wide temperature,DDM

Product Features

- Compliant to IEEE Std 802.3-2005 Gigabit
- Ethernet 1000Base-LX
- Specifications according to SFF-8074i and
- SFF-8472, revision 9.5
- Digital Diagnostic Monitoring available
- Uncooled 1310nm Fabry-Perot (FP)Laser
- Up to 1.25Gb/s bi-directional data links
- Duplex LC connector compliant
- Single +3.3V DC power supply
- Hot-pluggable SFP footprint
- Class 1 laser safety certified
- Operating temperature: -40°C to +85 °C
- Up to 40km on 9/125µm SMF
- RoHS Compliant



Applications

- 1.25Gb/s Ethernet 1000Base-LX
- 1.0625Gb/s Fiber Channel
- Industrial Ethernet Switches

Descriptions

AVC-SFP-LX-40 SFP transceivers, according to Small Form Factor Pluggable Multi-Sourcing Agreement (MSA) SFF-8074i and SFF-8472, revision 9.5, are designed for data communication on single mode fiber up to 40km. They are compliant with IEEE Std 802.3-2005 Gigabit Ethernet 1000Base-LX and Fiber Channel FC- PI-2 Rev.8.0.

AVC-SFP-LX-40 SFP transceivers offer a wide range of design options, including Digital Diagnostic Monitoring (DDM) features.

AVC-SFP-LX-40 are compliant with RoHS.



Ordering Information

Model Name	Description
AVC-SFP-LX-40	1G SFP optical port module, single-mode 40km, wide temperature
AVC-SFP-LX-40-D	1G SFP optical port module, single-mode 40km, wide temperature,DDM

Product Features

- Compliant to IEEE Std 802.3-2005 Gigabit
- Ethernet 1000Base-LX
- Specifications according to SFF-8074i and
- SFF-8472, revision 9.5
- Digital Diagnostic Monitoring available
- Uncooled 1310nm Fabry-Perot (FP)Laser
- Up to 1.25Gb/s bi-directional data links
- Duplex LC connector compliant
- Single +3.3V DC power supply
- Hot-pluggable SFP footprint
- Class 1 laser safety certified
- Operating temperature: -40°C to +85 °C
- Up to 80km on 9/125µm SMF
- RoHS Compliant



Applications

- 1.25Gb/s Ethernet 1000Base-LX
- 1.0625Gb/s Fiber Channel
- Industrial Ethernet Switches

Descriptions

AVC-SFP-LX-80 SFP transceivers, according to Small Form Factor Pluggable Multi-Sourcing Agreement (MSA) SFF-8074i and SFF-8472, revision 9.5, are designed for data communication on single mode fiber up to 80km. They are compliant with IEEE Std 802.3-2005 Gigabit Ethernet 1000Base-LX and Fiber Channel FC- PI-2 Rev.8.0.

AVC-SFP-LX-80 SFP transceivers offer a wide range of design options, including Digital Diagnostic Monitoring (DDM) features.

AVC-SFP-LX-80 are compliant with RoHS.



Ordering Information

Model Name	Description
AVC-SFP-LX-80	1G SFP optical port module, single-mode 80km, wide temperature
AVC-SFP-LX-80-D	1G SFP optical port module, single-mode 80km, wide temperature,DDM

Installation dimensions

Unit: mm

