



AVC-SFP-LZ

Datasheet

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



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Product Features

- Compliant with IEEE Std 802.3-2005 10G Ethernet 10GBase-LR/LW
- Electrical interface specifications per SFF-8431
- Management interface specifications per SFF-8431 and SFF-8472
- SFP+ MSA package with duplex LC connector
- Uncooled 1310nm DFB Laser
- Up to 10.3Gb/s bi-directional data links
- Single +3.3V power supply
- Class 1 laser safety certified
- Operating temperature : -40°C to +85°C
- Up to 10km on 9/125µm SMF
- RoHS Compliant



Applications

- 10G Ethernet 10GBASE-LR/LW
- 10G Fiber Channel 1200-SM-LL-L

Descriptions

AVC-SFP-LZ-10 SFP+ transceivers, according to Enhanced 8.5 and 10 Gigabit Small Form Factor Pluggable “SFP+” Multi-Sourcing Agreement (MSA) SFF-8431 and SFF-8472, revision 10.4, are designed for 10G Ethernet serial optical data communication up to 10km on single mode fiber. They are compliant with IEEE Std 802.3-2005 10Gb Ethernet 10GBase-LR/LW and 10G Fiber Channel 1200-SM-LL-L.

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

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



Ordering Information

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

Product Features

- Compliant with IEEE Std 802.3-2005 10G Ethernet 10GBase-LR/LW
- Electrical interface specifications per SFF-8431
- Management interface specifications per SFF-8431 and SFF-8472
- SFP+ MSA package with duplex LC connector
- Uncooled 1310nm DFB Laser
- Up to 10.3Gb/s bi-directional data links
- Single +3.3V power supply
- Class 1 laser safety certified
- Operating temperature : -40°C to +85°C
- Up to 20km on 9/125µm SMF
- RoHS Compliant



Applications

- 10G Ethernet 10GBASE-LR/LW
- 10G Fiber Channel 1200-SM-LL-L

Descriptions

AVC-SFP-LZ-20 SFP+ transceivers, according to Enhanced 8.5 and 10 Gigabit Small Form Factor Pluggable “SFP+” Multi-Sourcing Agreement (MSA) SFF-8431 and SFF-8472, revision 10.4, are designed for 10G Ethernet serial optical data communication up to 20km on single mode fiber. They are compliant with IEEE Std 802.3-2005 10Gb Ethernet 10GBase-LR/LW and 10G Fiber Channel 1200-SM-LL-L.

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

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



Ordering Information

Model Name	Description
AVC-SFP-LZ-20	10G SFP optical port module, single-mode 20km, wide temperature
AVC-SFP-LZ-20-D	10G SFP optical port module, single-mode 20km, wide temperature, DDM

Product Features

- Compliant with IEEE Std 802.3-2005 10G Ethernet 10GBase-LR/LW
- Electrical interface specifications per SFF-8431
- Management interface specifications per SFF-8431 and SFF-8472
- SFP+ MSA package with duplex LC connector
- Uncooled 1310nm DFB Laser
- Up to 10.3Gb/s bi-directional data links
- Single +3.3V power supply
- Class 1 laser safety certified
- Operating temperature : -40°C to +85°C
- Up to 40km on 9/125µm SMF
- RoHS Compliant



Applications

- 10G Ethernet 10GBASE-LR/LW
- 10G Fiber Channel 1200-SM-LL-L

Descriptions

AVC-SFP-LZ-40 SFP+ transceivers, according to Enhanced 8.5 and 10 Gigabit Small Form Factor Pluggable “SFP+” Multi-Sourcing Agreement (MSA) SFF-8431 and SFF-8472, revision 10.4, are designed for 10G Ethernet serial optical data communication up to 40km on single mode fiber. They are compliant with IEEE Std 802.3-2005 10Gb Ethernet 10GBase-LR/LW and 10G Fiber Channel 1200-SM-LL-L.

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

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



Ordering Information

Model Name	Description
AVC-SFP-LZ-40	10G SFP optical port module, single-mode 40km, wide temperature
AVC-SFP-LZ-40-D	10G SFP optical port module, single-mode 40km, wide temperature, DDM

Product Features

- Compliant with IEEE Std 802.3-2005 10G Ethernet 10GBase-LR/LW
- Electrical interface specifications per SFF-8431
- Management interface specifications per SFF-8431 and SFF-8472
- SFP+ MSA package with duplex LC connector
- Uncooled 1310nm DFB Laser
- Up to 10.3Gb/s bi-directional data links
- Single +3.3V power supply
- Class 1 laser safety certified
- Operating temperature : -40°C to +85°C
- Up to 80km on 9/125µm SMF
- RoHS Compliant



Applications

- 10G Ethernet 10GBASE-LR/LW
- 10G Fiber Channel 1200-SM-LL-L

Descriptions

AVC-SFP-LZ-80 SFP+ transceivers, according to Enhanced 8.5 and 10 Gigabit Small Form Factor Pluggable “SFP+” Multi-Sourcing Agreement (MSA) SFF-8431 and SFF-8472, revision 10.4, are designed for 10G Ethernet serial optical data communication up to 80km on single mode fiber. They are compliant with IEEE Std 802.3-2005 10Gb Ethernet 10GBase-LR/LW and 10G Fiber Channel 1200-SM-LL-L.

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

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

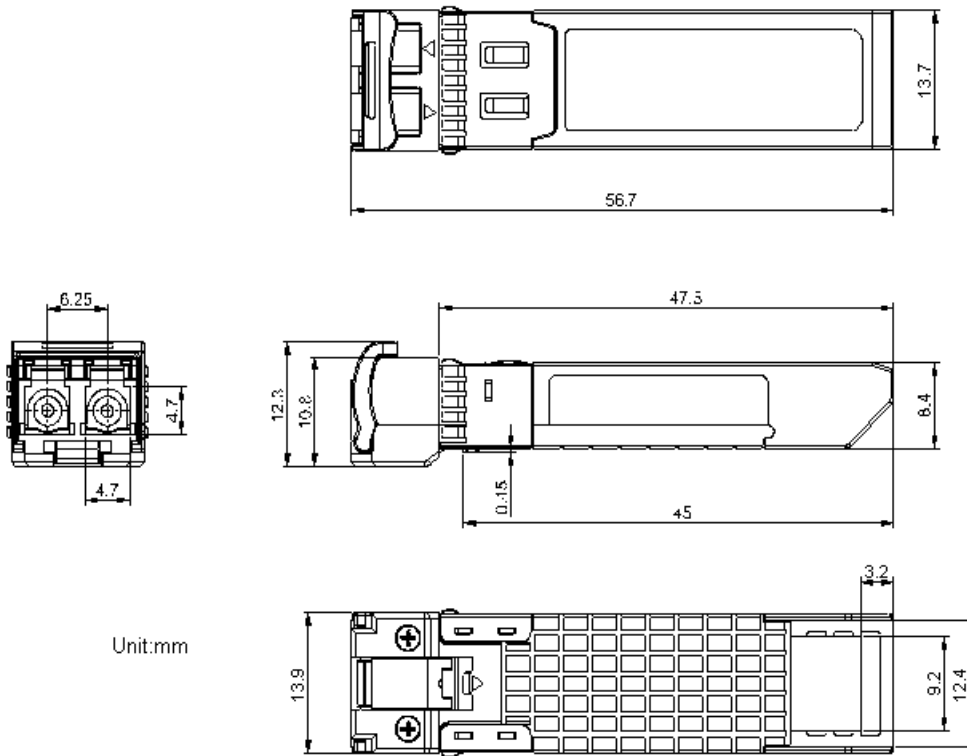


Ordering Information

Model Name	Description
AVC-SFP-LZ-80	10G SFP optical port module, single-mode 80km, wide temperature
AVC-SFP-LZ-80-D	10G SFP optical port module, single-mode 80km, wide temperature, DDM

Installation dimensions

Unit: mm



Unit:mm