



AVC-SFP-TZ

Datasheet

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



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Product Features

- Supports Links up to 30m using Cat 6a/7 Cable
- SFF-8431 and SFF-8432 MSA Compliant
- IEEE 802.3az Compliant
- Low Power Consumption (2.5W max @ 30m)
- Fast Retrain EMI Cancellation Algorithm
- Low EMI Emissions
- I2C 2 Wire Serial Interface for Serial Id and Phy Registers
- Auto-negotiates with other 10GBase-T-NC PHYs
- Automatic Detection and Correction of Wiring and Polarity Swaps
- Robust Die Cast Housing
- Bail Latch Style ejector mechanism
- Unshielded and Shielded cable support
- Compliant with RoHs.
- Temperature range 0°C to +70°C



References

- IEEE standard 802.3ae.
- IEEE Standard Department, 2005.2.Enhanced 8.5 and 10 Gigabit Small Form Factor Pluggable Module “SFP+” – SFF-84313.
- Digital Diagnostics Monitoring Interface for Optical Transceivers – SFF-8472

Descriptions

AVC-SFP-TZ copper transceiver module is a high performance integrated duplex data link for bi-directional communication over copper cable. It is specifically designed for high speed communication links that require 10 Gigabit Ethernet over Cat 6a/7 cable. This is the first SFP+ transceiver that offers 10 Gb/s communication over this type of media.

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

AVC-SFP-TZ are compliant with RoHS.



Ordering Information

Model Name	Description
AVC-SFP-TZ	10G SFP electrical port module, wide temperature, single-mode 30 mcommercial grade
AVC-SFP-TZ-D	10G SFP electrical port module, wide temperature, single-mode 30 mcommercial grade,DDM

Installation dimensions

Unit: mm

