MMA10G-SFP Series
10GE Optical SFP+ Transceivers

MMA10G
NETWORK BASED AV DISTRIBUTION

CONNECT. COLLABORATE. SHARE RESOURCES. MANAGE.

Evertz' MMA-10G is a network-based AV distribution solution constructed using Evertz' award winning SDVN (Software Defined Video Network) architecture. MMA-10G utilizes a highly reliable 10GE infrastructure for routing video and audio and offers unprecedented scalability and reliability.

Simple Plug and Play Technology

EvertzAV offers two different types of 10GE fiber SFP+ transceivers: a lower cost multi-mode SFP for short distance fiber deployments and a longer range single-mode SFP. All EvertzAV's MMA-10G products with 10GE ports support both types of SFP+ transceivers. Simply install the SFP+ module required dependent on the fiber plant constructed.

10GBASE-SR & 10GBASE-LR

EvertzAV's MMA10G-SFP transceivers meet the IEEE 802.3ae standards for 10GBASE-SR (850nm) and 10GBASE-LR (1310nm) transceiver modules. MMA10G-SFP transceivers can be reliably deployed in accordance to the IEEE 802.3ae standard for worry-free operation. To obtain more technical details regarding the IEEE 802.3ae standard, please refer to the IEEE 802.3ae-related information available online.

Ordering Options and Guidelines for Validating a 10G Fiber Plant

Minimal fiber link engineering is required. Use the following ordering options as a guideline to ensure a trouble-free deployment:

	MMA10G-SFP-TR85	MMA10G-SFP2-TR13
Standard	10GBASE-SR	10GBASE-LR
Wave Length	850nm	1310nm
Fiber	Multi-mode, 50/125 (reference OM4, G.651.1)	Single-mode, 9/125 (reference ITU-T G.652)
Fiber Cable Connector	LC/LC, UPC (blue connector)	LC/LC, UPC (blue connector)
Maximum Channel Insertion Loss*	2.6dB	6.2dB
Maximum Fiber Distance	300m	10Km

*Channel Insertion Loss = sum of connectors + fiber + splice attenuation. An OTDR can be used to validate channel insertion loss of a fiber path.

MMA10G-SFP-TR85

MMA10G-SFP2-TR13

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