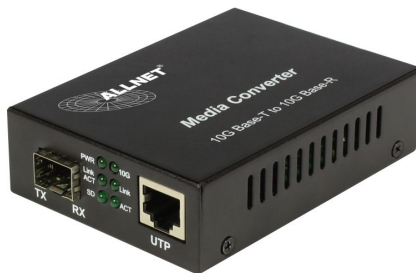
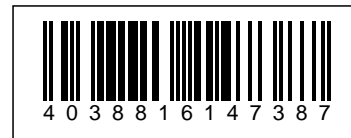


## ALLNET ALL-MC109-SFP+-TP10G / Medien Konverter 10G TX to 10

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### EAN CODE



### ALLNET 10G fibre media converter

#### Highlights:

- Media converter from 10GBase-T to 10GBase-R SFP+ optical fibre
- Backwards compatible with 2.5GBase-T / 5GBase-T copper and 2.5GBase-X / 5GBase-R fibre
- Supported operating modes:
  - 1000Base-T <-> 1000Base-X
  - 2.5GBase-T <-> 2.5GBase-X
  - 5GBase-T <-> 5GBase-R
  - 10GBase-T <-> 10GBase-R
- 1x RJ45 multi-gigabit port and 1x SFP+ slot
- Supports singlemode, multimode, CWDM and DWDM SFP+ modules
- High transmission stability thanks to signal regeneration and clock recovery
- Ideal for data centre, backbone and enterprise networks
- Low power consumption and low heat generation
- Reliable continuous operation for professional applications
- Easy integration into existing fibre optic infrastructures

### ALL-MC109-SFP+ – 10G Multi-Gigabit Media Converter RJ45 to SFP+

The ALL-MC109-SFP+ is a high-performance multi-gigabit media converter for connecting copper and fibre optic networks with data rates of up to 10 gigabits. The device reliably converts 10GBase-T RJ45 Ethernet to 10GBase-R SFP+ fibre and is ideal for modern network environments such as data centres, enterprise networks, backbone infrastructures and high-speed data connections.



Thanks to its high compatibility, the media converter supports 5G, 2.5G and 1G Ethernet transmissions in addition to 10G. This means that the ALL-MC109-SFP+ can be used flexibly in existing network structures and enables simple migration to higher bandwidths without replacing the existing infrastructure.

The integrated SFP+ slot allows the use of various fibre optic transceivers for singlemode, multimode, CWDM or DWDM applications. Thanks to signal regeneration and clock recovery technology, the device ensures stable and reliable data transmission even over longer distances.

The compact design, low power consumption and low heat generation ensure reliable 24/7 continuous operation and make the ALL-MC109-SFP+ the ideal solution for professional network installations.

### Supported operating modes:

**1000Base-T <-> 1000Base-X Fibre and vice versa**  
**2.5GBase-T <-> 2500Base-X Fibre and vice versa**  
**5Gbase-T <-> 5GBase-R Fibre and vice versa**  
**10Gbase-T <-> 10GBase-R Fibre and vice versa**

### Technical details:

Standards	1000Base-T 2.5GBase-T 5Gbase-T 10Gbase-T 1000Base-X 2500Base-X 5GBase-R 10GBase-R
Media Supported	1000Base-T: Cat5 UTP/STP. MAX 100m;  2.5GBase-T: Cat5e UTP/STP. MAX 50m;  5GBase-T: Cat5e UTP/STP. MAX 50m;  10G Base-T: Cat6a UTP/STP. MAX 50m;
Port Type	RJ45, SFP+ slot
Work mode	1000Base-T to 1000Base-X  2.5GBase-T to 2500Base-X  5Gbase-T to 5GBase-R  10Gbase-T to 10GBase-R
LED indicators	PWR, Link/Act(FX), SD, Link, Act, 10G
Power supply	12V DC / 1A (not compatible with ALL-MCS014 Chassis)



Power consumption:	MAX 5W
Temperature operation	-20° to +60°C
Storage Temperature	-20 to 70°C
Relative Humidity	5% to 80% (non-condensation)
Product Dimensions	94mm x 70mm x 26mm
Weight	0.32KG

## Attributes

Attribute	Value
Fibre Anschluß:	SFP+
Geschwindigkeit:	10G
Kompatibel mit Chassis ALL-MCS014:	NEIN;
Medien-Seite A:	TP-RJ45
Medien-Seite B:	SFP+
PoE Medienkonverter:	NEIN;
Weight:	1 Kg
Warranty:	24.00 Months

## Accessories

Part No.	Name
101189	ALLNET ALL4757 / Switch module SFP+ (mini Gbic), 10Gbit, SR/
101190	ALLNET ALL4758 / Switch module SFP+ (mini Gbic), 10Gbit, LR/
128848	ALLNET Switch Module ALL4760 SFP+(Mini-GBIC), 10Gbit
191685	ALLNET Switch Modul ALL4768 SFP+(Mini-GBIC), 10Gbit, ER/LC, bis 40Km, Singlemode,
191686	ALLNET Switch Modul ALL4769 SFP+(Mini-GBIC), 10Gbit, ZR/LC, bis 80Km, Singlemode,
139776	ALLNET Switch Module ALL4763 SFP+(Mini-GBIC), 10Gbit
139777	ALLNET Switch Module ALL4764 SFP+(Mini-GBIC), 10Gbit
181752	ALLNET Switch Modul ALL4792 SFP(Mini-GBIC), 5Gbit, Multimode, LC,
181753	ALLNET Switch Modul ALL4793 SFP(Mini-GBIC), 5Gbit, Singlemode, LC,



Part No.: 147383  
Vendor Part No.: ALL-MC109-SFP+

Part No.	Name
181749	ALLNET Switch Modul ALL4790 SFP(Mini-GBIC), 2,5Gbit, Multimode, LC,
181750	ALLNET Switch Modul ALL4791 SFP(Mini-GBIC), 2,5Gbit, Singlemode, LC,
27947	ALLNET ALL4750 / Switch module SFP (mini Gbic), 1000Mbit, SX
59391	ALLNET ALL4753 / Switch module GBIC Mini module, 1000Mbit, L
59393	ALLNET ALL4755 / Switch module SFP (mini Gbic), 1000Mbit, ZX
59426	ALLNET ALL4751 / Switch module, GBIC mini module, 1000Mbit,
114334	ALLNET Switch Modul ALL4752 SFP(mini Gbic), 1000Mbit, LHX/LC
143548	ALLNET Switch Module ALL4756 SFP(Mini-GBIC), 1000Mbit, ZX/LC
207394	ALLNET Medienkonverter Zubehör Wandmontage Option / Wallmount Option