



Fibre Optic Active

PoE Media Converter



PoE Media Converters allow power as well as data to be transferred over a fibre optic link to a powered ethernet device.

Features & Benefits

- Available in multimode or singlemode fibre types
- IEEE802.3af PoE PSE compatible
- Supports full and half duplex
- Transmission distances from 550m to 120km
- Internal power supply
- Available in 10/100M, 10/100/1000M and 1000M transmission types
- Up to 1.4Gbps data rate

Technical Specifications

Function	Description
Data	- 10/ 100 Mbps (802.3 10Base-T/ 802.3u 100Base-T) - 100Mbps (100Base-FX)
Input Voltage	100VAC to 240VAC
Input Frequency	47Hz to 63Hz
Pin Assignment And Polarity	4/ 5 (V+) , 7/ 8 (V-)
Output Power Efficiency	75% min
Short Circuit Protection	Auto recovery
Over Current Protection	Auto recovery
Operating Temperature (°C)	0 to +50
Cooling	Free air convection
Storage Temperature	-20 to +85
Operating Humidity	90% max, non-condensing
Case Material	Iron
Case Colour	Black
Net Weight	540g Approx / Unit
Dimensions (mm)	110 (W) x 40(H) x 140(L)
Connectors	- AC Inlet IEC-J-4 - LAN. Shielded RJ-45



Fibre Optic Active

PoE Media Converter

Ordering Information

Using the available configurations amend/create a part number using the formula below.

Transmission Type		Fibre Connector Type		Distance	
10/100M	MC	Singlemode / SC	SMSC	550m (Multimode Only)	550
10/100/1000M	GBMC	Singlemode / ST	SMST	20km	40
1000M	GB1MC	Singlemode / FC	SMFC	40km	60
		Singlemode / LC	SMLC	60km	80
		Multimode / SC	MMSC	80km	100
		Multimode / ST	MMST	100km	120
		Multimode / FC	MMFC	120km	
		Multimode / LC	MMLC		

GBMC	IP	MMFC	1R	550	POE
-------------	-----------	-------------	-----------	------------	------------

Power Supply		Copper Connector Type		Power over Ethernet	
External Power	EP	Single RJ45	1R	Power over Ethernet	POE
Internal Power	IP				

Example: **GBMCIPMMFC1R550POE** - 10/100/1000M Multimode 550m Dual Fibre FC to Single RJ45 Power over Ethernet Media Converter