

OMC 100 D

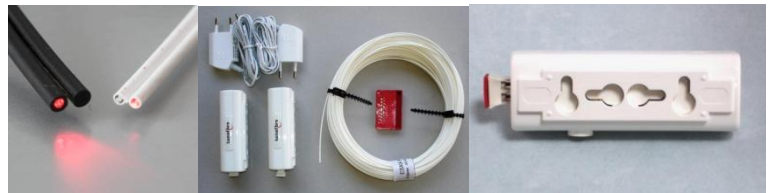
Optical Media Converter – Fast Ethernet

Polymer Optical Fibre (POF) to RJ45



OMC 100 D – 150 Single **Media Converter for POF cable 1,5 mm**

OMC 100 D – 150 – 30SI **Self Installation Kit with 30m POF cable**



Optical Link

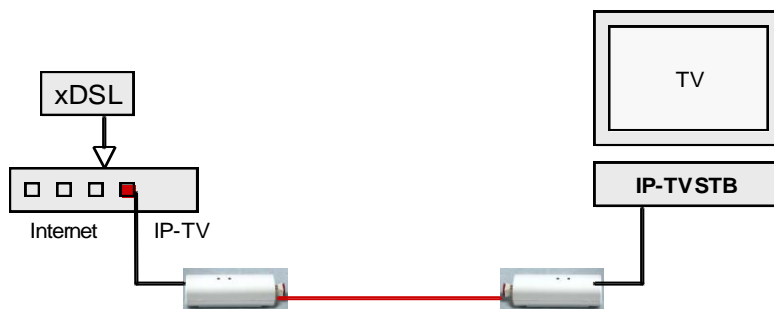
Installation Kit

Performance:

- easy Installation with slim POF cable
- robust, reliable & radiation free
- visible light for Optical Function Control

Applications:

- IP – TV, Multimedia & Home Networking
- Media Center and Audio-Video Streaming
- for Local Area Networks & Office



With ESKAMEGA™ applicable for 100 Mbps up to 70m

With the POF media converter you can easily install a stable, radiation free and robust Ethernet data link or home network. From an electrician the POF cable can be easily passed into the existing electrical duct system for main power of your home or small office, no stemming, no drilling. For the do it yourself installation outside the wall the slim POF cable can be hidden easily behind door frames or the base board or under the carpet. Since the data transfer is using red visible light (650nm) the connection can be easy approved visually.

Technical Data	OMC 100 D
Transmission Speed	100 Mbps optical
Transmission Length	50m with ESKA OPTOHOMETM RH4002; 70m ESKAMEGATM – MH4002 (Mitsubishi Rayon)
Power Supply	4,5 - 6 V DC; external power supply
Electrical Data Socket	RJ 45
Optical Interfaces	Firecomms OPTOLOCKTM 1,5 cable;
Wavelength	650 nm typ.
Operating Temperature	-20 to +60°C
Function	Ethernet 10/100 BaseTx - 100 BaseFx Half / Full Duplex; Auto MDI-MDX
Mechanical Dimension:	ca. 90 x 40 x 30 mm
Packages	- Link-Set with 2 OMC100 D; 2 Cat.5e Patch cable; Cutting Tool and 30m POF cable. - Single Media Converter
Recommended POF cable	Step Index Fibre; Mitsubishi ESKA OPTOHOMETM (NA 0,5) or ESKAMEGATM (NA 0,3)
Applications	Optimized for IP-TV and Multimedia; PC and Office Networking.

Easy Retrofitting



By an authorized expert POF cable can be installed easily into main power conduits in new buildings but also for retrofitting.



Easy self installation and termination of POF cable – just cut the cable with POF cutter (included in the Kit)



Open OPTOLOCK POF interface



Insert the POF cable and fix the OPTOLOCK interface.



Optical Link control for optical and copper (RJ45) link operation.

homefibre digital network gmbh

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