

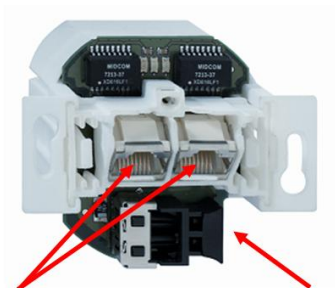
# Datasheet



## Optical Media Converter Wall Mounted - Fast Ethernet

Polymer Optical Fibre (POF) to RJ45

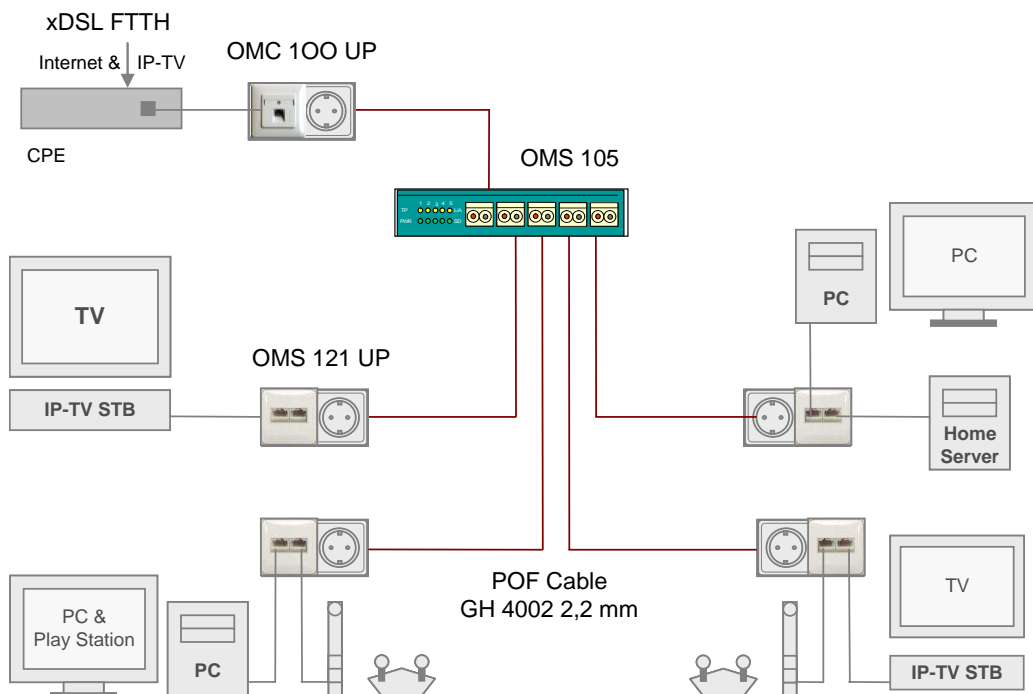
Type: **OMS121UP - 220**  
**OMS121UP - 150**



RJ-45 Interfaces

Optical Interfaces

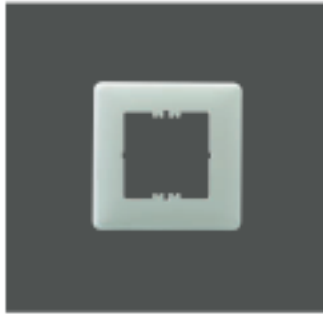
- IP – TV and Internet
- PC – Networking for Office and Home
- Multimedia Home Networking
- Media Center and Audio-Video Streaming
- **for installation with electrical wiring**
- **all cables behind the wall**
- **cover plate for multiple vendors**
- radiation free data transmission
- optical operation control
- stable and safe optical link





**ZSt UAE 8  
130 100 02**  
Center plate with 2 outlets  
Pearl white (similar RAL 1013)  
50x50x13mm, 6g

**ZSt UAE 8 rw  
130 100 52**  
Pure white (simila RAL 9010)



**AP  
100 100 01**  
Wall plate  
Pearl white (similar RAL 1013)  
81x81x5mm; 12 g

**AP rw  
100 100 51**  
Pure white (simila RAL 9010)



**UAE - ApG  
135 105 03**  
Surface mounting housing;  
For flush mounting designs;  
Pearl white (similar RAL 1013)  
81x81x46mm; 93 g

**UAE ApG rw  
135 115 03**  
Pure white (simila RAL 9010)

With the POF media switch OMS121UP 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 new installations it can be installed in one task together with the main wiring in a very time saving way. The OMS121UP can be installed in standardised 55mm wall boxes together with main power sockets.

<b>Technical Data</b>	<b>OMS121UP 220</b> for POF cable jacketing 2,2mm <b>OMS121UP 150</b> for POF cable jacketing 1,5mm
Transmission Speed	100 Mbps optical Ethernet
Transmission Length	50m with ESKA OPTOHOME™ GH3002; 70m ESKAMEGA™ – MH4002 (Mitsubishi Rayon)
Power Supply	Integrated Power Supply for 110 to 240 V
Electrical Data Socket	2 x RJ 45
Optical Interfaces	Firecomms OPTOLOCK™ for 1,5 or 2,2 mm 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:	DIN Wall Mount.
Packages	Single Media Converter
Recommended POF cable	Step Index Fibre; Mitsubishi ESKAMEGA™ (NA0,3) or ESKA OPTOHOME™ (NA 0,5)
Applications	Well tested for IP-TV and Multimedia; PC and Small Office LAN Networking.



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

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