



## tv push-on filter

### Ordering information

Type no.	Item no.	Qty. (box)
42122	TV POF-D-L	100 pcs.

### Product information

This multimedia push-on filter (POF) is a duplex version with an extra long input connector. Diplex filtering ensures an extremely low return path attenuation.

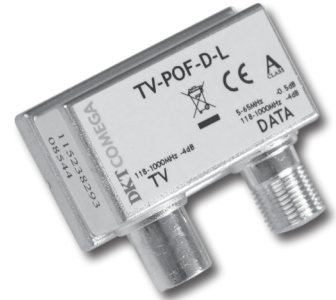
The extra long input connector allows mounting on different types of outlets, where the IEC connector can vary in depth and placement.

**A**  
CLASS

SHIELDED AGAINST

**Lte**<sup>™</sup>

DKTCOMEGA



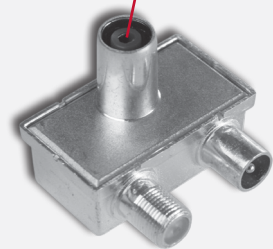
### Installation guide

The IEC-female connector of the TV POF is installed on the TV output of the outlet.

1.



2.

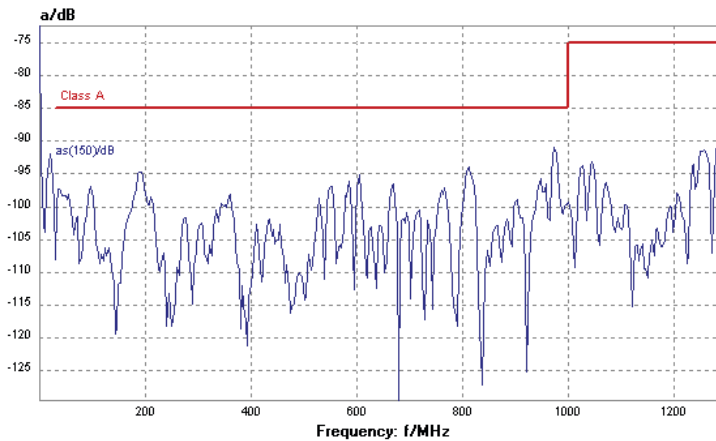


3.



### Screening Attenuation TV-POF-D-L TV port

1.0 MHz - 1.3 GHz Test length: 0.00m



Data	
Frequency range (MHz)	5-65, 118-1000
Insertion loss (IN-DATA) 5-65 MHz	0.5 dB
Insertion loss (IN-DATA) 118-1000 MHz	4.0 dB
Isolation (DATA-TV) 5-65 MHz	> 45 dB
Isolation (DATA-TV) 118-862 MHz	> 22 dB
Isolation (DATA-TV) 862-1000 MHz	> 15 dB
Connector	F-female
TV	
Frequency range (MHz)	118-1000
Insertion loss (IN-TV) 118-1000 MHz	4.0 dB
Isolation (TV-IN) 5-65 MHz	> 35 dB
Connector	IEC-male
General	
Input connector	IEC-female
Return loss	Cat. B <sup>1</sup>
Screening effectiveness	Class A <sup>2</sup>

<sup>1</sup> Return loss: CENELEC 50083-4 Category B  
5-40 MHz ≥ 18 dB, 40-1006 MHz min. 18 dB ÷ 1.5/oct.

<sup>2</sup> Screening effectiveness:  
CENELEC 50083-2 Class A  
5-300 MHz ≥ 85 dB, 300-470 MHz ≥ 80 dB  
470-950 MHz ≥ 75 dB, 950-1006 MHz ≥ 65 dB

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