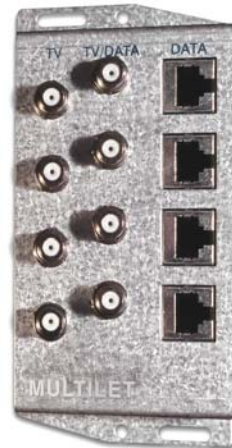


## CFU-2 Combining Filter Unit

**Product number Macab:**  
3310820

**Product number Multilet:**  
REV 501 108/2



### Description

This combining filter can provide up to four cascade loops or stars with TV/radio and Ethernet 10BASE-T (10 Mb/s) data signals. It contains four identical and independent diplex filters that combine these signals. Each diplex filter consists of a high-pass filter for TV (and radio) and a balun (balancing unit) connected in series with a low-pass filter for data. The balun re-balances the signal from twisted-pair wire for use on Ethernet 10BASE-T coaxial cable. Since the combining filter is made up entirely of passive components, it functions equally well in the reverse direction to separate TV and data signals.

### Technical specification:

#### Connectors

<i>Designation</i>	<i>Type</i>	<i>Impedance</i>
TV	Female F	75 $\Omega$
TV+DATA	Female F	75 $\Omega$
DATA	RJ-45	100 $\Omega$

#### Signal transmission

<i>Path</i>	<i>Signal</i>	<i>Frequency range</i>	<i>Attenuation</i>
TV→	TV+DATA	88 - 860 MHz	1 dB
DATA < - >	TV + DATA	0.1 - 10 MHz	4 dB



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