

# ACH-642

Diversity hybrid combiner 4:2:2



## Features:

- ▶ Bandwidth 100-850MHz
- ▶ 4 fiber channels
- ▶ 2 coaxial channels
- ▶ Protected 12V DC-feed
- ▶ Optical loss indicator

## Specifications:

TX section	
Bandwidth	150-850MHz
Input.output coax	4x BNC 50 ohms
Télé-alim	12V/200mA
Gain coax channel	+3dB typ.
Fiber input	Neutrik OpticalCon Duo (fibre monomode APC)
Gain fiber channels	0dB typ.
Supply	110-220V 50-60Hz
Dimension	480x280x44mm
Weight	3,5kg

The ACH-642 allows to remote up to two pair of RX antennas over 4 monomode fibers and combine their RF signal with a pair of local RX antennas (connected with coaxial cable to the base). Specially made electro-optical components are used in this equipment. This device must be used with one or two or three **AFB-250**.

A 12V DC-feed supply, protected from short circuits, can be activated on each inputs individually (switches inside the ACH).

Four indicators « OPTICAL IN » shows if loss on incoming optical signals occurred (from AFB-250). Leds will blink if loss is between 3 and 6dB. Beyond 6 dB leds turn off.

As with other RF equipments some rules applies in order to get the best from this equipment. Feel free to contact us,we'll do our best to help on your projects.

More informations on [www.bs-rf.com](http://www.bs-rf.com) or contact us at [contact@bs-rf.com](mailto:contact@bs-rf.com)  
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