



HECo-8 Headend Combiner & Band Filter is an external RF signal combiner with highly selective 8 multiple inputs intended to increase Signal-to-Noise Ratio (SNR) on SMATV networks.

High isolation inputs are integrated with GaAs-FET Push Pull amplifier.

HECo-8 is an ideal post-amplifier for Headend stations with 18 dB overall gain and low distortion output level.

## RF Features

|  |                                  |
|--|----------------------------------|
| Input Channel / Frequency Ranges                   | 1: S03-S10: 118 - 174 MHz        |
|  | 2: S11-S18: 230 - 286 MHz        |
|  | 3: S27-S34: 350 - 414 MHz        |
|  | 4: E22-E29: 478 - 542 MHz        |
|  | 5: E05-E12: 174 - 230 MHz        |
|  | 6: S19-S26: 286 - 350 MHz        |
|  | 7: S35-E21: 414 - 478 MHz        |
|  | 8: E20-E69: 542 - 862 MHz        |
| Input Level  | Max. 85 dBuV (@CTB/CSO - 60 dBc) |
| Isolation Between Inputs                           | Min. 25 dB                       |
| Return Loss  | Min. 12 dB                       |
| <b>Combined Signal Output Level( CENELEC 42ch)</b> |                                  |
| CTB $\geq$ 60 dBc                                  | 109 dBuV                         |
| CSO $\geq$ 60 dBc                                  | 106 dBuV                         |
| XMOD $\geq$ 60 dBc                                 | 102 dBuV                         |
| Test Point   | -20 dB                           |

## General Features

|                       |  |
|-----------------------|--|
| Mechanical Enclosure  | 19" Rack Type, 1U height   |
| Operation Temperature | 10 C° ... 55 C°  |
| Connectors            | RF Inputs: F Type (8 Pieces, Front Panel)<br>RF Output: F Type (1 Pieces, Front Panel) |
| Powering              | 90-240 VAC, 50-60 Hz   |
| Power Consumption     | 4,5 Watt   |

## For SMATV Networks

Compatible with conventional group modulators through eight channels (PAL) group inputs.

## High Output Level

106 dB $\mu$ V output level with GaAsFET Push Pull output stage amplifier with 18 dB gain.

## Superior Filtration Characteristics

Min. 25 dB isolation between inputs.

## Plug & Play

No adjustment necessary.

## Mains Powered 90-240 VAC

Durable, noise free and universal power supply.

