# Catline

## TV via network cable (CAT 5/6)

**Part nr: 380 00 02** | Catline amplifier TVB-02 with 4 adjustable outputs | E-nr: 51 777 73

**Part nr: 380 00 01** | Catline Balun transformer TVB-01, RJ45–IEC male, 2 m | E-nr: 51 777 72
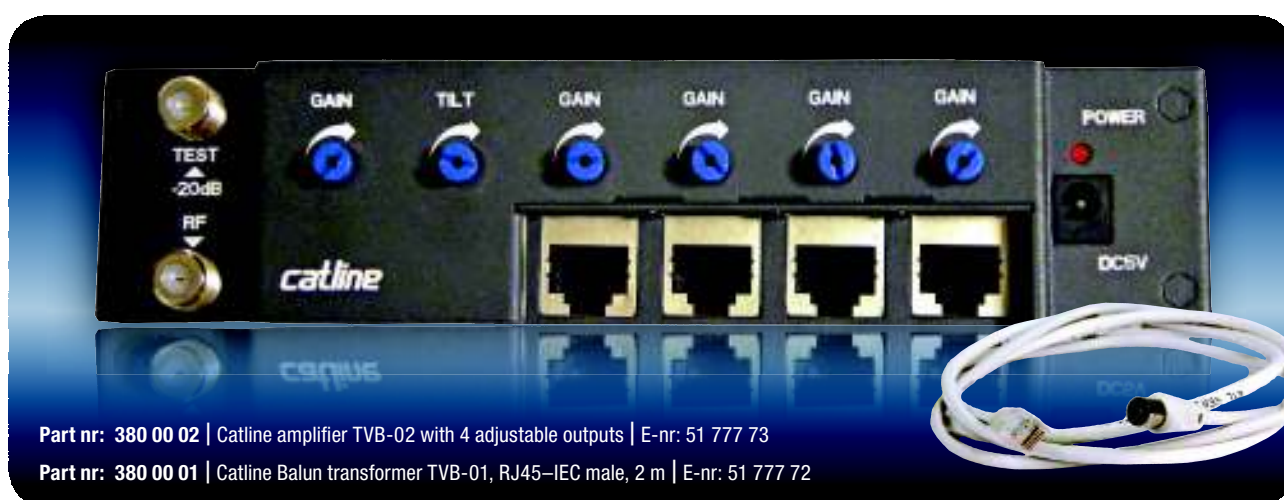
■ **Adjustable gain**  ■ **Sloped outputs**  ■ **4 adjustable RJ-45 outputs**
■ **Up to 50m cable distance**  ■ **3 terminators included**

**A unique solution for distribution of TV via copper cable (CAT5/6).**
TVB-02 has a built in amplifier and adjustable levels for all 4 output ports. This is the only existing product in the marketplace where you can adjust the output level per port. This means that you separately can compensate for the different cable distances in between the amplifier and the RJ-45 outlets. The high output gain gives you up to 50 meter cable distance at 860MHz. TVB-02 can be installed direct to the wall or in 10" respective 19" panel.

**TV-cable**
Cable with built in transformer for converting from Ethernet (RJ-45 female) to coaxial (IEC-male). To be used for distribution of analogue/digital TV via CAT-5/6 cable. TVB-01 is also perfect for distribution of IP-services over an existing coaxial cable.

**Part nr: 380 00 03** Catline 19"-panel for
1-2 TVB-02 ( includ. blind panel)
E-nr: 51 777 74

| Technical specifications | | |
|---|---|---|
| Part no | – | 380 00 02 |
| Type | – | TVB-02 |
| Frequency range | MHz | 47–862 |
| Flatness | dB | ±0,75 |
| Impedance | | |
| Input | ohm | 75 |
| Output | ohm | 100 |
| Gain 47-860MHz | dB | 35 (max) |
| Noise | dB | <8 |
| **Adjustable attenuation** | | |
| Input | dB | 0–20 |
| Output | dB | 0–20 |
| Adjustable slope | dB | 0–18 |
| Output level, | | |
| 42Ch CENELEC | dBµV | 98 |
| **Return loss** | | |
| 47–862 MHz | dB | >13 |
| Isolation, port-port | dB | >20 |
| Group delay | ns | <30 |
| Testpoint | dB | −20 |
| Power | V DC | 5 (via included adapter) |
| Power consumption | mA | 800 |
| Temperature range | °C | −20 till +60 |
| Screening | – | class B |
| **Connectors** | | |
| input | – | F-female |
| outputs | – | RJ-45 female |
| Dimensions (LxBxH) | mm | 200 x 41 x 38,2 |

**Coming products:**

Catline, HDMI via copper cable

Catline, 8-ports PBX-switch for telephony and door phone system

Catline, Gigabit router for data
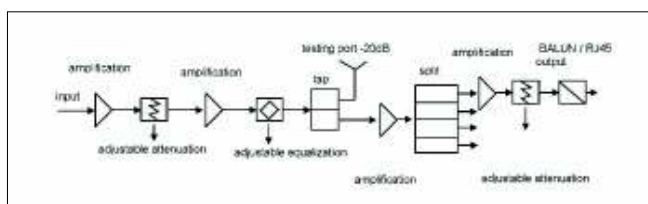


| Technical specification | | |
|---|---|---|
| Part no | – | 3800001 |
| Type | – | TVB-01 |
| Frequency range | MHz | 47–862 |
| Loss | dB | <5 |
| Screening | – | class B |
| **Connectors** | | |
| outlet | – | RJ-45 male |
| TV | – | IEC-male |
| Length | m | 2 |

**19"-panel**

For installation of one or two amplifiers TVB-02. A blind panel is preinstalled if only one amplifier is needed.

Part no      380 00 03
Type         19"-panel
Height:      46 mm
Length       19" (483 mm)

**10"-panel**

For installation of one amplifier TVB-02 in a 10" cabinet.

Part no      380 00 04
Type         10"-panel
Height       46 mm
Length       10" (254 mm)

**Terminator, 100 ohm RJ-45**

For installation in amplifier TVB-02. All not used ports have to be terminated with a terminator.

Part no      380 00 05
Type         terminator, 100 ohm RJ-45
Impedance    ohm 100
Connector    RJ-45, male

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