

# mc amplifier for TV/FM

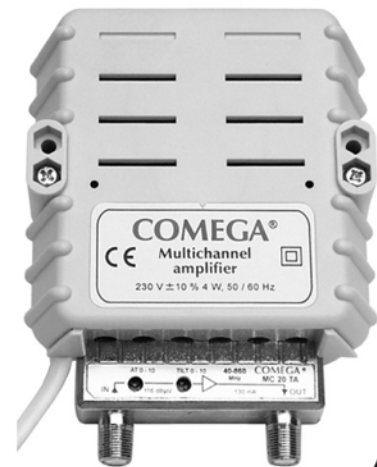
## Product information

The DKTCOMEGA line of amplifiers complements the range of products for home installations. Whenever extra signal power is required in the CATV forward path, the DKTCOMEGA line of home amplifiers will meet any requirement for quality signal distribution.

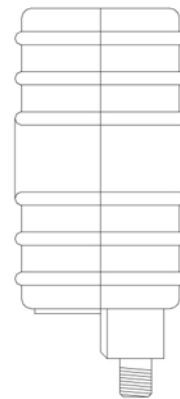
During the development of this range of amplifiers, we focused on the output level and the noise figure. This resulted in two genuine amplifiers for CATV applications.

There are two different versions to choose from, this depending upon the requirements:

- The 12 dB version with fixed amplification is suitable in most installations as it is often enough for additional wall outlets.
- The 20 dB version with attenuator and tilt is the most advanced amplifier. It is often used as the standard amplifier for cable TV technicians because it incorporates more adjustment facilities.



**A**  
CLASS



| Type                          | MC 12            | MC 20 TA         |
|-------------------------------|------------------|------------------|
| Item no.                      | 46120            | 46205            |
| TV/FM                         |                  |                  |
| Frequency (MHz)               | 47 - 1000        | 47 - 1000        |
| Gain Forward (dB)             | 12,0             | 20,0             |
| Output level* (dBμV)          | 97               | 100              |
| Connector                     | F-female         | F-female         |
| Other                         |                  |                  |
| Attenuator (dB)               | -                | 0 - 10           |
| Equalizer (dB)                | -                | 0 - 10           |
| Noise Figure (dB)             | 3                | 5                |
| Power (Built-in power supply) | 230 VAC          | 230 VAC          |
| Power consumption (W)         | 3                | 3                |
| Return loss on all ports**    | EN50083-4 Cat. C | EN50083-4 Cat. C |

Radiation: < 20 dBpW/0,03 - 1 GHz, compliant according to EN50083-2

\* CTB/CSO > 60 dB with 42-channel CENELEC

\*\* According to CENELEC:

5-40 MHz ≥ 14 dB, 40-862 MHz min. 14 dB ÷ 1.5/oct.