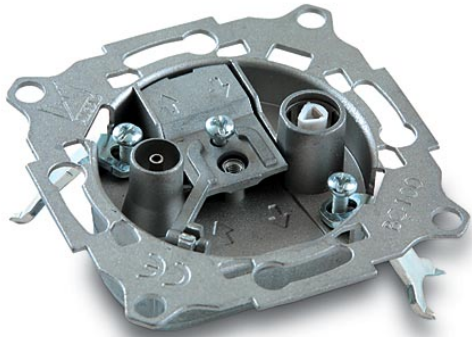


# 907 OUTLETS AND USER ACCES POINTS

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TERMINAL, ATTENUATION 5.5 DB



Code : **9070046**

Model : **BC-110**

#### Description

Outlets for terrestrial TV with two IEC male and female connectors. Radio and TV outputs separated by filters. Designed for use in cable TV networks. They cover frequencies between 5 and 1000 MHz.

#### Applications

Cable TV networks requiring the filtering of radio and TV signals at the outlet base. Installation as a terminal outlet connected to a tap-off or splitter or as outlets in series connected to each other. The outlet base facilitates the connection of the TV to the distribution and loads the distribution when the TV is not connected.

#### Characteristics

Voltage blockage in the output connectors with a 2 KV insulation. Shielded zamak and metal plate chassis. Connection of the coaxial cable by means of screw terminal. Fits in a Ø60 mm box.

| CODE                     | 9070099    |                | 9070043                  |                    | 9070046  |           | 9070044      |          | 9070045 |  |
|--------------------------|------------|----------------|--------------------------|--------------------|----------|-----------|--------------|----------|---------|--|
| MODEL                    | BC-101     |                | BC-100                   |                    | BC-110   |           | BC-200       |          | BC-500  |  |
| Installation             |            |                | Final                    |                    |          |           | Intermediate |          |         |  |
| Connection               |            |                | Screw terminal and clamp |                    |          |           |              |          |         |  |
| Output connectors        |            | C1             | IEC male Ø9.52 mm        |                    |          |           |              |          |         |  |
|                          |            | C2             | IEC female Ø9.52 mm      |                    |          |           |              |          |         |  |
| Frequency range          | MHz        | I/O            | 5 - 1000                 |                    |          |           |              |          |         |  |
|                          |            | C1             | 5-15/118-1000            | 5 - 68 / 118 -1000 |          |           |              |          |         |  |
|                          |            | C2             | 87.5-108.0               |                    |          |           |              |          |         |  |
| Basic loss<br>①          | dB<br>±TOL | R              | 0.7 ±0.1                 | 0.3 ±0.1           | 5.0 ±0.5 | 11.0 ±1.0 | 17.0 ±2.0    |          |         |  |
|                          |            | FM             | 1.1 ±0.3                 | 1.1 ±0.3           | 6.0 ±1.0 | 11.5 ±1.0 | 17.0 ±2.0    |          |         |  |
|                          |            | TV             | 1.3 ±0.4                 | 0.9 ±0.3           | 5.5 ±0.7 | 10.0 ±1.5 | 15.0 ±2.0    |          |         |  |
| Through loss<br>②        | dB<br>±TOL | R              | -                        |                    |          |           | 1.0 ±0.2     | 0.8 ±0.2 |         |  |
|                          |            | FM             | -                        |                    |          |           | 1.0 ±0.2     | 0.7 ±0.2 |         |  |
|                          |            | TV             | -                        |                    |          |           | 1.4 ±0.4     | 1.0 ±0.3 |         |  |
| Directivity<br>③         | dB         | FM             | -                        |                    |          |           | >25          | >21      |         |  |
|                          |            | TV             | -                        |                    |          |           | >13          | >12      |         |  |
| Isolation<br>④           | dB         | FM             | >18                      |                    |          |           |              |          |         |  |
|                          |            | TV             | >16                      |                    |          |           |              |          |         |  |
| Selectivity              | dB         | FM             | >10                      |                    |          |           |              |          |         |  |
|                          |            | TV             | >18                      |                    |          |           |              |          |         |  |
| Return loss              | dB         | R              | >10                      | >18                |          |           |              |          |         |  |
|                          |            | FM             | >12                      | >16                | >20      | >18       | >20          |          |         |  |
|                          |            | TV             | >10                      | >18                |          |           |              |          | >20     |  |
| Isolation                | KV         | 2              |                          | -                  |          |           |              |          |         |  |
| Chroma - luminance delay | ns         | <10            |                          |                    |          |           |              |          |         |  |
| Units per packing        |            | 24             |                          |                    |          |           |              |          |         |  |
| Packing weight           | Kg         | 2.2            |                          |                    |          |           |              |          |         |  |
| Packing dimensions       | mm         | 305 x 225 x 65 |                          |                    |          |           |              |          |         |  |