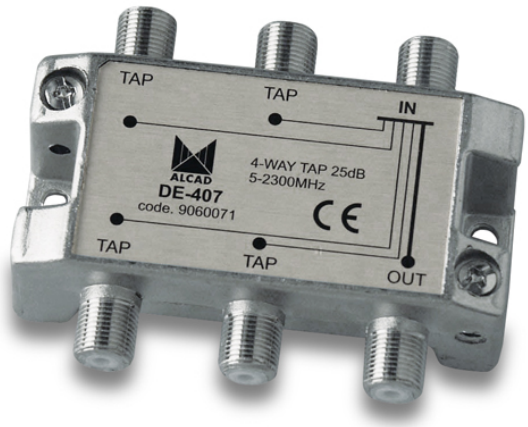
# TAP-OFFS AND SPLITTERS

## TAP-OFF IF 4 OUT 25 DB




Code : **9060071**

Model : **DE-407**

Description

Tap-offs for terrestrial and satellite TV with four tap outputs, covering the 5MHz to 2,300MHz frequencies. They distribute part of the input signal to their tap outputs while the main part of the signal continues to the output. The response of the tap outputs is flat, without equalisation. Available in different tap-off attenuation values.

Applications

Collective terrestrial and satellite TV installations with an arborescent or tree-shaped distribution. The arborescent distribution reduces the number of distribution elements and the length of coaxial cable to be installed, even though the distances from head-end to outlet remain constant.

Characteristics

Protection diodes in all the outputs. Shielded zamak chassis and metal plate. Zamak F-type connectors which form part of the tap-off chassis.

| CODE | | | 9060068 | 9060069 | 9060070 | 9060071 |
|---|---|---|---|---|---|---|
| MODEL | | | DE-401 | DE-403 | DE-405 | DE-407 |
| Connection | | | F female | | | |
| Outputs | | | 4 | | | |
| Frequency range | MHz | | 5 - 2,300 | | | |
| Tap loss ① | dB ±1.5 | 5-47 MHz | 12.0 | 15.5 | 21.0 | 25.5 |
| | | 47-862 MHz | 12.5 | 15.5 | 20.5 | 25.0 |
| | | 950-2150 MHz | 15.0 | 17.5 | 22.5 | 28.5 |
| | | 2150-2300 MHz | 16.0 | 18.0 | 23.0 | 30.5 |
| Flatness response | dB | | ±0.3 | | | |
| Channel flatness response | dB | | ±0.1 | | | |
| Through loss ② | dB ±0,5 | 5-47 MHz | 5.0 | 2.5 | 1.5 | 1.0 |
| | | 47-862 MHz | 4.5 | 2.5 | 1.5 | 1.0 |
| | | 950-2150 MHz | 5.5 | 5.0 | 1.5 | 2.5 |
| | | 2150-2300 MHz | 6.0 | 5.5 | 2.0 | 3.0 |
| Directivity ④ | dB | 5-47 MHz | >8 | >25 | >21 | >11 |
| | | 47-862 MHz | >22 | >13 | >11 | >7 |
| | | 950-2150 MHz | >10 | >5 | >6 | >1 |
| | | 2150-2300 MHz | >7 | >5 | >5 | >0 |
| Isolation ⑤ | dB | 5-47 MHz | >20 | >18 | >16 | >15 |
| | | 47-862 MHz | >22 | >23 | >22 | >22 |
| | | 950-2150 MHz | >21 | >19 | >18 | >20 |
| | | 2150-2300 MHz | >21 | >21 | >18 | >19 |
| Return loss | dB | 5-47 MHz | >10 | >10 | >10 | >12 |
| | | 47-862 MHz | >10 | >13 | >11 | >12 |
| | | 950-2150 MHz | >9 | >9 | >10 | >8 |
| | | 2150-2300 MHz | >8 | >9 | >9 | >7 |
| DC path | V⎓ | | 24 max | | | |
| | mA | | 500 max | | | |
| | Tono | | 22 KHz/DiSEqC | | | |
| Protection index | | | IP 20 | | | |
| Units per packing | | | 12 | | | |
| Packing weight | Kg | | 1.86 | | | |
| Packing dimensions | mm | | 375 x 85 x 67 | | | |