

906 TAP-OFFS AND SPLITTERS

TAP-OFF IF 2 OUT 30 DB EQUALISED



Code : **9060035**

Model : **FD-225**

Description

Equalised tap-offs for terrestrial and satellite TV with two tap outputs which cover the 5 to 2,400 MHz frequencies. They distribute part of the input signal to their tap outputs and the main part of the signal continues to the output. The equalisation of the tap outputs compensates the losses of the coaxial cable. Available in different tap-off attenuation values.

Applications

SMATV installations with a tree-shaped distribution. The tree-shaped distribution reduces the number of distribution elements, and reduces the metres of coaxial cable to be installed, even though the headend to outlet distances remain constant. For installation in buildings with many floors due to the low through loss of the tap-offs.

Characteristics

Voltage blockage in the tap-offs. Shielded zamak chassis and metal plate. Connectors on the lower part to facilitate the connections. Reduced dimensions. Fits in a 100 x100 mm box.

| CODE | | 9060053 | 9060033 | 9060034 | 9060035 |
|--------------------|------------|--|--|--|--|
| MODEL | | FD-210 | FD-213 | FD-219 | FD-225 |
| Connection | | F female | | | |
| Outputs | | 2 | | | |
| Frequency range | MHz | 5 - 2400 | | | |
| Tap loss | dB ±1.0 | 5-47 MHz 26.0-24.5 47-230 MHz 24.5-21.5 470-862 MHz 17.0-13.0 950-2150 MHz 12.5-8.5 2150-2400 MHz 8.5-8.0 | 28.0 28.0-25.0 21.5-17.5 17.0-12.0 12.0-11.5 | 32.0 32.0-30.5 27.5-24.0 23.0-17.5 17.5-17.0 | 36.0 36.0-34.5 33.0-30.0 30.0-26.0 26.0-25.5 |
| Flatness response | dB | ±1.0 | | | |
| Through loss | dB ±0.5 | 5-47 MHz 0.8 47-230 MHz 0.8-1.0 470-862 MHz 1.2-1.7 950-2150 MHz 1.8-3.0 2150-2400 MHz 3.0-3.5 | 0.6 0.6-0.7 0.9-1.2 1.2-2.0 2.0-2.3 | 0.5 0.5 0.5-0.8 0.8-1.4 1.4-1.6 | 0.5 0.5 0.5-0.6 0.6-1.0 1.2 |
| Directivity | dB | 5-47 MHz >0 47-862 MHz >0-6 950-2150 MHz >7 2150-2400 MHz >8 | >0 >0-5 >5-8 >8 | >0 >0-5 >5-7 >7 | >0 >0-4 >4-7 >8 |
| Isolation | dB | 5-47 MHz >45 47-862 MHz >32 950-2150 MHz >28 2150-2400 MHz >26 | >50 >40 >30 >28 | >60 >55 >45 >38 | >60 >60 >45 >40 |
| Return loss | dB | 5-47 MHz >18 47-862 MHz >18 950-2150 MHz >13 2150-2400 MHz >13 | >17 >15 >15 >13 | >18 >18 >15 >13 | |
| Units per packing | | 6 | | | |
| Packing weight | Kg | 0.45 | | | |
| Packing dimensions | mm | 155 x 95 x 40 | | | |