906 TAP-OFFS AND SPLITTERS

TAP-OFF IF 2 OUT 13 DB EQUALISED



Code : **9060053**

Model : **FD-210**

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 ①	dB ±1.0	5-47 MHz 47-230 MHz 470-862 MHz 950-2150 MHz 2150-2400 MHz	26.0-24.5 24.5-21.5 17.0-13.0 12.5-8.5 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 ②	dB ±0.5	5-47 MHz 47-230 MHz 470-862 MHz 950-2150 MHz 2150-2400 MHz	0.8 0.8-1.0 1.2-1.7 1.8-3.0 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 ④	dB	5-47 MHz 47-862 MHz 950-2150 MHz 2150-2400 MHz	>0 >0-6 >7 >8	>0 >0-5 >5-8 >8	>0 >0-5 >5-7 >7	>0 >0-4 >4-7 >8
Isolation ⑤	dB	5-47 MHz 47-862 MHz 950-2150 MHz 2150-2400 MHz	>45 >32 >28 >26	>50 >40 >30 >28	>60 >55 >45 >38	>60 >60 >45 >40
Return loss	dB	5-47 MHz 47-862 MHz 950-2150 MHz 2150-2400 MHz	>18 >18 >13 >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			