

906 TAP-OFFS AND SPLITTERS

TAP-OFF IF 2 OUT 24 DB EQUALISED

Code : **9060034**

Model : **FD-219**

Description

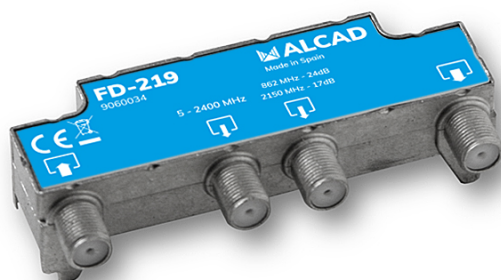
Equalised tap-offs for terrestrial and satellite TV with two tap outputs which cover the 5 to 2,400 MHz frequencies. They distribute part of the input signal to their tap outputs and the main part of the signal continues to the output. The equalisation of the tap outputs compensates the losses of the 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	26.0-24.5	28.0		32.0		36.0		
		47-230 MHz	24.5-21.5	28.0-25.0		32.0-30.5		36.0-34.5		
		470-862 MHz	17.0-13.0	21.5-17.5		27.5-24.0		33.0-30.0		
		950-2150 MHz	12.5-8.5	17.0-12.0		23.0-17.5		30.0-26.0		
		2150-2400 MHz	8.5-8.0	12.0-11.5		17.5-17.0		26.0-25.5		
Flatness response		dB	±1.0							
Through loss										
②	dB ±0.5	5-47 MHz	0.8	0.6		0.5		0.5		
		47-230 MHz	0.8-1.0	0.6-0.7		0.5		0.5		
		470-862 MHz	1.2-1.7	0.9-1.2		0.5-0.8		0.5-0.6		
		950-2150 MHz	1.8-3.0	1.2-2.0		0.8-1.4		0.6-1.0		
		2150-2400 MHz	3.0-3.5	2.0-2.3		1.4-1.6		1.2		
Directivity										
④	dB	5-47 MHz	>0	>0		>0		>0		
		47-862 MHz	>0-6	>0-5		>0-5		>0-4		
		950-2150 MHz	>7	>5-8		>5-7		>4-7		
		2150-2400 MHz	>8	>8		>7		>8		
Isolation										
⑤	dB	5-47 MHz	>45	>50		>60		>60		
		47-862 MHz	>32	>40		>55		>60		
		950-2150 MHz	>28	>30		>45		>45		
		2150-2400 MHz	>26	>28		>38		>40		
Return loss										
	dB	5-47 MHz	>18	>17		>18		>18		
		47-862 MHz	>18	>15		>18		>18		
		950-2150 MHz	>13	>15		>15		>15		
		2150-2400 MHz	>13	>13		>13		>13		
Units per packing			6							
Packing weight		Kg	0.45							
Packing dimensions		mm	155 x 95 x 40							