

# 906 TAP-OFFS AND SPLITTERS

## TAP-OFF IF 4 OUT 14DB FLAT



Code : **9060046**

Model : **FP-414**

### Description

Tap-offs for terrestrial and satellite TV with four 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 response of the tap outputs is flat, without equalisation. 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.

### 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 100x100 mm box.

CODE		9060046	9060047	9060048	
MODEL		FP-414	FP-420	FP-426	
Connection			F female		
Outputs			4		
Frequency range	MHz		5 - 2,400		
Tap loss ①	dB ±2.0	5-862 MHz	14.0	20.0	26.0
		930-2150 MHz	14.0	20.0	26.0
		2150-2400 MHz	15.0	20.5	25.0
Through loss ②	dB ±0.5	5-862 MHz	4.5	1.2	0.8
		930-2150 MHz	4.5-5.7	1.2-2.6	0.8-1.8
		2150-2400 MHz	5.7-6.5	2.6-3.0	1.8-2.3
Directivity ④	dB	5-862 MHz	>13.0		>18.0
		930-2150 MHz	>10.0		>10.0
		2150-2400 MHz	>10.0		>5.0
Isolation ⑤	dB	5-862 MHz	>16.0	>18.0	>20.0
		930-2150 MHz	>17.0	>18.0	>30.0
		2150-2400 MHz	>20.0	>22.0	>30.0
Return loss	dB	5-862 MHz	>12.0		>17.0
		930-2150 MHz	>10.0		>12.0
		2150-2400 MHz	>14.0		>12.0
Units per packing			6		
Packing weight	Kg		0.45		
Packing dimensions	mm		155 x 95 x 40		

