

# 906 TAP-OFFS AND SPLITTERS

## 2 OUTPUTS SPLITTER



Code : **9060036**

Model : **FI-243**

### Description

Splitters for terrestrial and satellite TV which cover frequencies up to 2,400 MHz. They distribute all the input signal in equal parts to their outputs. Models FI-243 and FI-473 are specially designed to work with the return path. The response of the outputs is flat. Available in 2 or 4 outputs and with different isolation values between outputs.

### Applications

SMATV installations with a star-shaped distribution or to distribute the TV signal to the different branch lines in a tree or star-shaped distribution. The different outputs are better isolated with splitters with higher isolation and prevent problems of one area from affecting other areas of the distribution.

### Characteristics

Voltage blockage in the outputs. Shielded zamak chassis and metal plate. Connectors on the lower part to facilitate the connections. Reduced dimensions. It can be installed in a 100x100 mm box.

CODE	9060036		9060037		9060041		9060042		
MODEL	FI-243		FI-473		FI-253		FI-483		
Connection			F female						
Outputs		2	4		2		4		
Frequency range	MHz	5 - 2400							
Splitter loss ①	dB ±1,0	5-13 MHz	5,0-5,0	10,0-10,0		5,0-5,0		14,0-9,5	
		13-47 MHz	5,0-4,0	10,0-9,0		5,0-4,5		9,5-9,5	
		47-862 MHz	4,0-4,0	9,0-9,0		4,5-4,0		9,5-8,0	
		950-2150 MHz	4,0-5,5	9,0-10,5		4,0-4,0		8,0-10,5	
		2510-2400 MHz	5,5-6,0	10,5-12,0		4,0-4,5		10,5-12,5	
Flatness response	dB	±0,3						±0,5	
Isolation ②	dB	5-13 MHz	>20	>26		>9		>14	
		13-47 MHz	>20	>26		>13		>14	
		47-862 MHz	>19	>16		>13		>12	
		950-2150 MHz	>19	>16		>15		>8	
		2510-2400 MHz	>20	>14		>16		>6	
Return loss	dB	5-13 MHz	>14	>18		>13		-	
		13-47 MHz	>14	>18		>14		>11	
		47-862 MHz	>16	>12		>15		>11	
		950-2150 MHz	>13	>17		>13		>11	
		2510-2400 MHz	>19	>14		>16		>9	
Units per packing		6							
Packing weight	Kg	0,45							
Packing dimensions	mm	155 x 95 x 40							

