

906 TAP-OFFS AND SPLITTERS



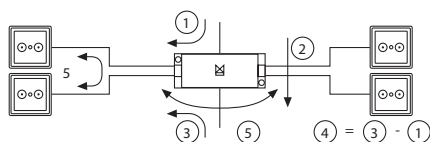
Flat IF tap-offs



DE-403

DE-405

DE-407



Description

Tap-offs for terrestrial and satellite TV with four tap outputs, covering the 5MHz to 2,300MHz frequencies. They distribute part of the input signal to their tap outputs while 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

Collective terrestrial and satellite TV installations with an arborescent or tree-shaped distribution. The arborescent distribution reduces the number of distribution elements and the length of coaxial cable to be installed, even though the distances from head-end to outlet remain constant.

Characteristics

Protection diodes in all the outputs. Shielded zamak chassis and metal plate. Zamak F-type connectors which form part of the tap-off chassis.

CODE		9060068	9060069	9060070	9060071	
MODEL		DE-401	DE-403	DE-405	DE-407	
Connection		F female				
Outputs		4				
Frequency range	MHz	5 - 2300				
Top loss	dB ±1,5	5 - 47 MHz	12.0	15.5	21.0	25.5
①		47 - 862 MHz	12.5	15.5	20.5	25.0
		950 - 2150 MHz	15.0	17.5	22.5	28.5
		2150 - 2300 MHz	16.0	18.0	23.0	30.5
Flatness response	dB	±0,3				
Channel flatness response		±0,1				
Through loss	dB ±0,5	5 - 47 MHz	5.0	2.5	1.5	1.0
②		47 - 862 MHz	4.5	2.5	1.5	1.0
		950 - 2150 MHz	5.5	5.0	1.5	2.5
		2150 - 2300 MHz	6.0	5.5	2.0	3.0
Directivity	dB	5 - 47 MHz	>8	>25	>21	>11
④		47 - 862 MHz	>22	>13	>11	>7
		950 - 2150 MHz	>10	>5	>6	>1
		2150 - 2300 MHz	>7	>5	>5	>0
Isolation	dB	5 - 47 MHz	>20	>18	>16	>15
⑤		47 - 862 MHz	>22	>23	>22	>22
		950 - 2150 MHz	>21	>19	>18	>20
		2150 - 2400 MHz	>21	>21	>18	>19
Return loss	dB	5 - 47 MHz	>10	>10	>10	>12
		47 - 862 MHz	>10	>13	>11	>12
		950 - 2150 MHz	>9	>9	>10	>8
		2150 - 2400 MHz	>8	>9	>9	>7
DC path	V...	24 max				
	mA	500 max				
	Tono	22 KHz/DiSEqC				
Protection index		IP 20				
Units per packing		12				
Packing weight	Kg	1.86				
Packing dimensions	mm	375 x 85 x 67				