

906 TAP-OFFS AND SPLITTERS

Flat IF tap-offs



DE-201



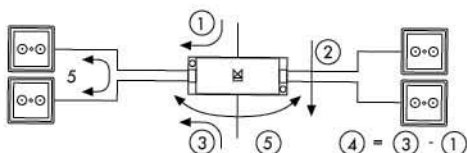
DE-203



DE-205



DE-207



Description

Tap-offs for terrestrial and satellite TV with two 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 tapoff chassis.

Accessories

9120039	CM-004	Male F-type connector for Ø6.6mm coaxial cable
9080023	MC-302	Male F-type connector for Ø7.0mm coaxial cable
9120011	RS-275	F load of 75Ω.
9120027	LF-001	F-type connector tool.

CODE			9060063	9060064	9060065	9060066
MODEL			DE-201	DE-203	DE-205	DE-207
Connection			F female			
Outputs			2			
Frequency range	MHz		5 - 2,300			
Tap loss ①	dB ± 1,5	5-47 MHz 47-862 MHz 950-2150 MHz 2150-2300 MHz	11.0 11.5 13.5 14.0	16.0 15.5 16.5 17.0	20.5 20.0 22.0 23.0	25.0 25.0 27.0 28.5
Flatness response	dB		± 0,3			
Channel flatness response	dB		± 0,1			
Through loss ②	dB ± 0,5	5-47 MHz 47-862 MHz 950-2150 MHz 2150-2300 MHz	3.0 2.5 4.0 4.5	2.5 2.0 3.5 3.5	1.5 1.5 3.5 4.0	1.5 1.5 3.5 4.0
Directivity ④	dB	5-47 MHz 47-862 MHz 950-2150 MHz 2150-2300 MHz	>13 >13 >5 >5	>11 >12 >3 >2	>10 >7 >0 >0	>10 >5 >1 >0
Isolation ⑤	dB	5-47 MHz 47-862 MHz 950-2150 MHz 2150-2300 MHz	>33 >30 >29 >26	>42 >35 >33 >36	>52 >39 >35 >32	>60 >43 >34 >32
Return loss	dB	5-47 MHz 47-862 MHz 950-2150 MHz 2150-2300 MHz	>11 >13 >9 >8	>12 >15 >8 >8	>16 >15 >8 >8	>15 >12 >8 >8
DC path	V _{DC}		24 max			
	mA		500 max			
	Tono		22 KHz/DiSEqC			
Protection index			IP 20			
Units per packing			12			
Packing weight	Kg		1.45			
Packing dimensions	mm		195 x 115 x 67			