

DES / DIS Series

Shielded tap-offs and splitters with saddle & clamp, suitable for digital signal distribution in community installations.

APPLICATION

Analogue and Digital Terrestrial TV Installations, both individual or community.

CHARACTERISTICS

- Maximum efficiency with minimum output level at headend.
- Same level between users in the same floor.
- Linear attenuation in the whole band.
- High signal levels can be used thanks to a special shielding design.
- Easy to set up.
- Valid for reduced space installations.
- Valid for DseqC signals.

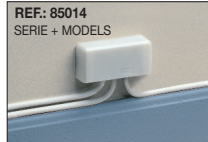


DISTRIBUTION

PI DES



PE-DES+



PI DES/DIS+S



MODEL	PI-DES	PE-DES +	PI DES/DIS+S
Reference	85013	85014	85016
Packing dimensions mm	380 x 160 x 160	47 x 110 x 155	92 x 55 x 285
Weight Kg	1,1	0,4	0,3

MODEL	TAP-OFFS				
	DES 107 S	DES 111 S	DES 116 S	DES 120 S	
Reference	85359	85360	85361	85362	
Nr of outputs	1				
Covered band MHz	5 ÷ 2300				
IN-OUT	5 - 47 MHz	3,5	2	1,4	1,1
Insertion loss dB	47 - 550 MHz	2,5	1,7	1,4	1,1
	550 - 862 MHz	2,5	1,7	1,4	1,1
	950 - 1550 MHz	3	2	1,7	1,3
	1550 - 2150 MHz	3,5	2,3	2	1,5
	2150 - 2300 MHz	3,5	2,3	2	1,5
IN-TAP	5 - 47 MHz	7	11	16	20
Tap loss dB	47 - 550 MHz	7	11	16	20
	950 - 1550 MHz	7	11	16	20
	950 - 1550 MHz	7	11	16	20
	1550 - 2150 MHz	7	11	16	20
	2150 - 2300 MHz	7	11	16	20
Isolation	47 - 950 MHz	25	25	28	33
OUT-TAP	950 - 2150 MHz	20	20	25	28
OUT-OUT	47 - 862 MHz	—	—	—	—
TAP-TAP isolation	950 - 2150 MHz	—	—	—	—
IN	47 - 862 MHz	14	18	18	18
Return loss dB	950 - 2150 MHz	14	15	15	15
	47 - 862 MHz	14	18	18	18
OUT	950 - 2150 MHz	14	15	15	15
	47 - 862 MHz	14	18	18	18
TAP	950 - 2150 MHz	14	15	15	15
	47 - 862 MHz	14	18	18	18
Return loss dB	950 - 2150 MHz	14	15	15	15
	47 - 862 MHz	14	15	15	15
CD pass	IN - OUT	YES	YES	YES	YES
24 V _{cc} , 0, 5A, 22 KHz	OUT - IN	YES	YES	YES	YES
	IN - TAP	NO	NO	NO	NO
CD pass	TAP - IN	NO	NO	NO	NO
	TAP-TAP	—	—	—	—
Packing dimensions (10 u.)	mm	118 x 108 x 61			
Weight (10 u.)	Kg	0,66			

CONNECTIONS



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Reference	85013	85014	85016
Packing dimensions mm	380 x 160 x 160	47 x 110 x 155	92 x 55 x 285
Weight Kg	1,1	0,4	0,3

MODEL	SPLITTERS				TAP-OFFS									
	DIS 204 S	DIS 307 S	DIS 409 S	DIS 513+	DES 211 S	DES 216 S	DES 220 S	DES 225 S	DES 411+	DES 416+	DES 420+	DES 425+		
Reference	85357	85358	85355	85356	85374	85375	85376	85377	85380	85381	85382	85383		
Nr of outputs	2	3	4	5 3/2	2				4					
Covered band	MHz				5 ÷ 2300									
IN-OUT Insertion loss	dB	5 - 47 MHz	3,5	6,5	7,5	7,5 / 11	2,5	1,2	0,7	0,5	4	1,8	0,9	0,6
		47 - 550 MHz	3,5	6,5	7,5	7,5 / 11	2,2	1,1	0,8	0,5	3,5	1,8	0,9	0,6
		550 - 862 MHz	4	6,5	7,5	8 / 11,5	2,4	1,1	0,8	0,6	4	1,9	0,9	0,7
		950 - 1550 MHz	4,5	7,5	8,5	9 / 12,5	2,9	1,5	1	1	4,2	2,8	1,4	1,1
		1550 - 2150 MHz	5,5	8,5	9,5	10 / 13	3,2	1,5	1,2	1,4	4,4	3,2	1,9	1,6
IN-TAP Tap loss	dB	5 - 47 MHz				11	16	21	25	11	15,5	20	25	
		47 - 550 MHz				11	16	21	25	11	16	20	25	
		950 - 1550 MHz				11	16	21	25	11	16	20	25	
		950 - 1550 MHz				11	16	21,5	25	12	16	20	25	
		1550 - 2150 MHz				11,5	16,5	21,5	25	13	16	20	25,5	
Isolation OUT-TAP	dB	47 - 950 MHz				23	24	25	25	23	25	25	25	
		950 - 2150 MHz				20	21	25	25	23	25	25	25	
OUT-OUT TAP-TAP isolation	dB	47 - 862 MHz	24	24	24	24	21	22	22	25	21	21	22	21
		950 - 2150 MHz	22	22	22	22	21	22	22	25	21	21	22	23
IN Return loss	dB	47 - 862 MHz	14	14	14	12	17	20	20	22	15	16	20	22
		950 - 2150 MHz	12	14	14	14	20	20	25	17	18	18	18	19
OUT Return loss	dB	47 - 862 MHz	13	12	12	14	20	20	25	22	20	22	23	25
		950 - 2150 MHz	12	12	12	12	17	16	17	15	16	18	17	16
TAP Return loss	dB	47 - 862 MHz					12	13	17	16	18	19	21	20
		950 - 2150 MHz					12	12	12	12	16	16	16	16
CD pass 24 Vdc, 0, 5A, 22 KHz	IN - OUT OUT - IN	IN - OUT	NO	NO	NO	NO	YES							
		OUT - IN	YES	YES	YES	YES	YES							
CD pass 24 Vdc, 0, 5A, 22 KHz	IN - TAP TAP - IN TAP - TAP	IN - TAP					NO							
		TAP - IN TAP - TAP					NO							
Packing dimensions (10 u.)	mm	118x108x61		185 x 90 x 50		118 x 108 x 61				185 x 90 x 50				
Weight (10 u.)	Kg	0,66		0,85		0,66				0,85				

CONNECTIONS



DISTRIBUTION