

► DISTRIBUTION ELEMENTS

Indoor Tap-offs — 1000 MHz

CE

- 2-, 4- and 8-way shielded directional tap-offs. Frequency range: 5-1000 MHz.
- Wall fixing, nickle-plated zinc diecast housing (2 screws attached). Grounding facilities. All ports F female connector.

2-way Tap-offs — «DLS-200» Series

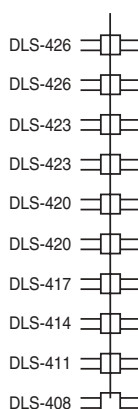
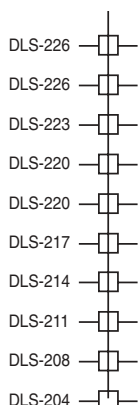

DLS-217

DLS-420

Model		DLS-204	DLS-208	DLS-211	DLS-214	DLS-217	DLS-220	DLS-223	DLS-226
Reference		3355	3353	3352	3351	3350	3349	3348	3347
Tap loss (±0.7 dB in 5-469 MHz and ±1 dB in 470-1000 MHz)	dB	4	8	11	14	17	20	23	26
Through loss	5-469 MHz	T (*)	≤ 3.5	≤ 1.8	≤ 1.5	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0
	470-862 MHz	dB	T (*)	≤ 3.5	≤ 2.0	≤ 1.8	≤ 1.2	≤ 1.2	≤ 1.2
	863-1000 MHz	dB	T (*)	≤ 3.5	≤ 2.5	≤ 2.2	≤ 1.5	≤ 1.5	≤ 1.5
Return loss	dB	≥ 16							
Directional isolation	5-469 MHz	dB	T (*)	≥ 30	≥ 25	≥ 25	≥ 35	≥ 30	≥ 40
	470-1000 MHz	dB	T (*)	≥ 30	≥ 25	≥ 22	≥ 25	≥ 30	≥ 35
Tap-to tap isolation	5-469 MHz	dB	≥ 25	≥ 35	≥ 35	≥ 40	≥ 35	≥ 40	≥ 40
	470-1000 MHz	dB	≥ 25	≥ 25	≥ 30	≥ 35	≥ 30	≥ 35	≥ 40
Dimensions	mm	75 x 48 x 19							

(*) T → Terminal.

Application examples (*)



4-way Tap-offs — «DLS-400» Series

Model		DLS-408	DLS-411	DLS-414	DLS-417	DLS-420	DLS-423	DLS-426
Reference		3356	3344	3343	3342	3341	3340	3339
Tap loss (±0.7 dB in 5-469 MHz and ±1 dB in 470-1000 MHz)	dB	7.5	11	14	17	20	23	26
Through loss	5-469 MHz	T (*)	≤ 3.7	≤ 2	≤ 1.5	≤ 1.0	≤ 1.0	≤ 1.0
	470-862 MHz	dB	T (*)	≤ 4.2	≤ 2.5	≤ 1.8	≤ 1.2	≤ 1.0
	863-1000 MHz	dB	T (*)	≤ 4.5	≤ 2.8	≤ 2.0	≤ 1.4	≤ 1.2
Return loss	dB	≥ 16						
Directional isolation	5-469 MHz	dB	T (*)	≥ 35	≥ 35	≥ 35	≥ 40	≥ 40
	470-1000 MHz	dB	T (*)	≥ 30	≥ 35	≥ 35	≥ 40	≥ 35
Tap-to-tap isolation	5-469 MHz	dB	≥ 25	≥ 30	≥ 25	≥ 25	≥ 20	≥ 30
	470-1000 MHz	dB	≥ 25	≥ 25	≥ 20	≥ 20	≥ 20	≥ 20
Dimensions	mm	75 x 60 x 24						

(*) T → Terminal.

(*) - Distance between tap-offs: 3 m.
 - Coaxial cable CCS-178 (Ref. 2516).
 - Tap lines having similar length.

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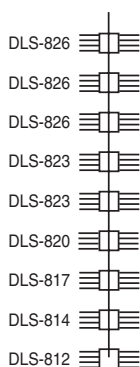
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8-way Tap-offs — «DLS-800» Series



DLS-823

Application example (*)



Model		DLS-812	DLS-814	DLS-817	DLS-820	DLS-823	DLS-826
Reference		3357	3358	3359	3360	3361	3362
Tap loss (±0.7 dB in 5-469 MHz and ±1 dB in 470-1000 MHz)	dB	12	14	17	20	23	26
Through loss	5-469 MHz	T (*)	≤ 3.7	≤ 1.8	≤ 1.2	≤ 1.0	≤ 1.0
	470-862 MHz	T (*)	≤ 4.2	≤ 2.1	≤ 1.4	≤ 1.2	≤ 1.0
	863-1000 MHz	T (*)	≤ 4.5	≤ 2.7	≤ 1.8	≤ 1.6	≤ 1.6
Return loss	dB	≥ 16					
Directional isolation	5-469 MHz	T (*)	≥ 25	≥ 25	≥ 25	≥ 35	≥ 40
	470-1000 MHz	T (*)	≥ 22	≥ 22	≥ 22	≥ 30	≥ 40
Tap-to tap isolation	5-469 MHz	≥ 30	≥ 25	≥ 25	≥ 25	≥ 20	≥ 30
	470-1000 MHz	≥ 25	≥ 20	≥ 20	≥ 20	≥ 20	≥ 20
Dimensions	mm	120 x 60 x 24					

(*) T → Terminal.

(*) - Distance between tap-offs: 3 m.
 - Coaxial cable CCS-178 (Ref. 2516).
 - Tap lines having similar length.