

DCF.2Y.---.22



Filtri combinatori a doppio ponte per la banda FM - Adatti per combinare due o più trasmettitori su frequenze diverse nella stessa antenna.

Directional (or constant impedance) combining filters for FM band - Suitable to connect two or more transmitters working at different frequencies to the same antenna system.



This system is convenient when the working frequencies of the transmitters have a short distance. With our modular configuration it is possible to connect transmitters with working frequencies with spacing up to 0.7 MHz. Constant impedance combining filters permit an expansion of the transmitting system to future needs. The isolation between the two transmitters is obtained by using hybrid couplers and band pass filters. This system is more expensive than star type combining filters type, but more reliable.

CARATTERISTICHE COMUNI		COMMON FEATURES	
Banda di Frequenza:	87,5 – 108 Mhz	Frequency range:	87,5 – 108 Mhz
Temperatura d'uso:	-10 ÷ 50 C	Temperature Range	-10 ÷ 50 C
Rapporto Onde Stazionarie:	≤ 1.1:1	V.S.W.R.:	≤ 1.1:1
Isolamento fra i canali	≥ 32 dB (N.B. -> B.B.) ≥ 50 dB (B.B. -> N.B.)	Isolation between channels	≥ 32 dB (N.B. -> B.B.) ≥ 50 dB (B.B. -> N.B.)
Impedenza:	50 Ohm	Impedance:	50 Ohm

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DETTAGLI ELETTRICI da 1200 W a 4 KW - ELECTRICAL DETAILS from 1200 W to 4 KW

	DCF 2Y.012.23	DCF 2Y.012.22	DCF 2Y.024.23	DCF 2Y.024.22	DCF 2Y.040.23	DCF 2Y.040.22
Potenza Max Ingr. Input Max Power	1.2 KW N.B. 2.4 KW B.B.		2.4 KW N.B. 4.8 KW B.B.		4 KW N.B. 8 KW B.B.	
Dist. Min. Freq. Min. Freq. Distance	0.8 MHz	1,4 Mhz	0.8 MHz	1,4 Mhz	0.8 MHz	1,4 Mhz
Perdita d'inserzione N.B. Insertion loss Narrow Band	≤ 1 dB (Typ. 0.9 dB)	≤ 0.6 dB (Typ. 0.5 dB)	≤ 0.9 dB (Typ. 0.8 dB)	≤ 0.5 dB (Typ. 0.4 dB)	≤ 0.8 dB (Typ. 0.7 dB)	≤ 0.4 dB (Typ. 0.3 dB)
Perdita d'inserzione B.B. Insertion loss Broad Band	≤ 0.2 dB	≤ 0.2 dB	≤ 0.2 dB	≤ 0.2 dB	≤ 0.2 dB	≤ 0.2 dB
Connettori Connectors	Inputs: DIN 7/16 (EIA 7/8" on req.) Output: EIA 7/8"		Inputs: EIA 7/8" Output: EIA 7/8"		N.B. Input: EIA 7/8" B.B. Input - Output: EIA 1 5/8"	
Dimensioni in mm Dimensions in mm	915 x 460 x 755 (H max)	915 x 305 x 755 (H max)	970 x 610 x 880 (H)	970 x 410 x 880 (H)	1035 x 765 x 915 (H)	1035 x 510 x 915 (H)
Peso Weight	61 kg	47 kg	78 kg	60 kg	92 kg	70 kg



DETTAGLI ELETTRICI da 10 KW a 35 KW - ELECTRICAL DETAILS from 10 KW to 35 KW

	DCF 2Y.100.23	DCF 2Y.100.22	DCF 2Y.200.23	DCF 2Y.200.22	DCF 2Y.350.23	DCF 2Y.350.22
Potenza Max Ingr. Input Max Power	10 KW N.B. 20 KW B.B.		20 KW N.B. 40 KW B.B.		35 KW N.B. 70 KW B.B.	
Dist. Min. Freq. Min. Freq. Distance	0.8 MHz	1,4 Mhz	0.8 MHz	1,4 Mhz	0.8 MHz	1,4 Mhz
Perdita d'inserzione N.B. Insertion loss Narrow Band	≤ 0.6 dB (Typ. 0.5 dB)	≤ 0.3 dB (Typ. 0.25 dB)	≤ 0.5 dB (Typ. 0.4 dB)	≤ 0.25 dB (Typ. 0.2 dB)	≤ 0.4 dB (Typ. 0.3 dB)	≤ 0.2 dB (Typ. 0.15 dB)
Perdita d'inserzione B.B. Insertion loss Broad Band	≤ 0.1 dB	≤ 0.1 dB	≤ 0.1 dB	≤ 0.1 dB	≤ 0.1 dB	≤ 0.1 dB
Connettori Connectors	Inputs: EIA 1 5/8" Output: EIA 3 1/8"		Inputs: EIA 3 1/8" Output: EIA 3 1/8"		Inputs: EIA 3 1/8" Output: EIA 4 1/2"	
Dimensioni in mm Dimensions in mm	1115 x 1060 x 1300 (H)	1115 x 705 x 1300 (H)	1221 x 1376 x 1300 (H)	1221 x 916 x 1300 (H)	1340 x 1680 x 1400 (H)	1340 x 1120 x 1400 (H)
Peso Weight	115 kg	90 kg	155 Kg	120 Kg	175 Kg	135 Kg

Tutti i prodotti sono venduti a termini di garanzia. Dettagli all'indirizzo www.aldenatlc.it/warranty - All products are sold under warranty terms. Details at the web address www.aldenatlc.it/warranty

TELECOMUNICAZIONI ALDEN A SRL

Via A. Volta 13 - 20090 - CUSAGO MI - Italy
Phone +390290390461 - Fax +390290390475
www.aldenatlc.it - aldena@aldenatlc.it