

ONE END EXTERNAL DUPLEXER FAMILY

BDA-DPX

Product Features

- Low Insertion Loss
- High rejection between bands
- NEMA4 cabinet
- N female connectors
- Single Dual band duplexer
- UHF multi window duplexer
- 3-year warranty
- Country of Origin: USA



SINGLE BAND DUPLEXER	Band / Sub Band	Filter Designator	Filter BW MHz	Insetion loss typ (dB)	Guardband minimum (MHz)
One Window duplexer	VHF	20	2	5,5	3
		35	3,5	5,5	1,5
	UHF 450-470MHz	20	2	5,2	3
		40	4	5,2	1
	UHF 470-512MHz	07	0,7	5,2	2,3
		15	1,5	5,2	1,5
20		2	5,2	1	
Dual Window Duplexer	UHF 450-470MHz	0740	0.7 & 4	6,5	Same than One Window Filter
		2020	2 & 2	6,5	Same than One Window Filter
		2040	2 & 4	6,5	Same than One Window Filter
		MDA	Fixed Freq: 453-453/458-459 & 460-462/465-467	5,5	Same than One Window Filter
	UHF 470-512MHz	0707	0.7 & 0.7	6,5	Same than One Window Filter
		0715	0.7 & 1.5	6,5	Same than One Window Filter
		0720	0.7 & 2.0	6,5	Same than One Window Filter
		1515	1.5 & 1.5	6,5	Same than One Window Filter
		RWC	Fixed Freq: 483.4-484.5/486.4-487.5 & 488.5-489/491.5-492	5,5	Same than One Window Filter
	1 xUHF 450-470MHz & 1 xUHF 470-512MHz	2007	2.0 & 0.7	6,5	Same than One Window Filter
		2015	2.0 & 1.5	6,5	Same than One Window Filter
		2020	2.0 & 2.0	6,5	Same than One Window Filter
	Triple Window	1 xUHF 450-470MHz & 2 xUHF 470-512MHz	200707	2.0 & 0.7 & 0.7	8

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DUAL BAND

VHF WINDOW	UHF WINDOWS	UHF Band / Sub Band	Filter Designator	UHF Filter BW	Insertion loss per Band	
One Window duplexer 2.0MHz BW	One Window duplexer	UHF 450-470MHz	2020	2	7,2	
			2040	2	7,2	
		UHF 470-512MHz	2007	2	7,2	
			2015	2	7,2	
			2020	2	7,2	
	Dual Window Duplexer	UHF 450-470MHz	200740	0.7 & 4	8,5	
			202020	2 & 2	8,5	
			202040	2 & 4	8,5	
		UHF 470-512MHz	200707	0.7 & 0.7	8,5	
			200715	0.7 & 1.5	8,5	
			200720	0.7 & 2.0	8,5	
			201515	1.5 & 1.5	8,5	
			20RWC	Fixed Freq: 483.4-484.5/486.4-487.5 & 488.5-489/491.5-492	7,5	
		1 xUHF 450-470MHz & 1 xUHF 470-512MHz	202007	2.0 & 0.7	8,5	
			202015	2.0 & 1.5	8,5	
	202020		2.0 & 2.0	8,5		
	Triple Window	1 xUHF 450-470MHz & 2 xUHF 470-512MHz	20200707	2.0 & 0.7 & 0.7	10	
	One Window duplexer 3.5MHz BW	One Window duplexer	UHF 450-470MHz	3520	2	7,2
				3540	2	7,2
			UHF 470-512MHz	3507	2	7,2
3515				2	7,2	
3520				2	7,2	
Dual Window Duplexer		UHF 450-470MHz	350740	0.7 & 4	8,5	
			352020	2 & 2	8,5	
			352540	2 & 4	8,5	
		UHF 470-512MHz	350707	0.7 & 0.7	8,5	
			350715	0.7 & 1.5	8,5	
			350720	0.7 & 2.0	8,5	
			351515	1.5 & 1.5	8,5	
			35RWC	Fixed Freq: 483.4-484.5/486.4-487.5 & 488.5-489/491.5-492	7,5	
		1 xUHF 450-470MHz & 1 xUHF 470-512MHz	352007	2.0 & 0.7	8,5	
			352015	2.0 & 1.5	8,5	
352020			2.0 & 2.0	8,5		
Triple Window		1 xUHF 450-470MHz & 2 xUHF 470-512MHz	35200707	2.0 & 0.7 & 0.7	10	

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BDA-DPX

BDA-DPX- [BAND]	- [FILTERING VHF]	[FILTERING UHF]	- B
V: 136-174 U: 450-470 T: 470-512 UT: 450-512 VU: 136-174+450-470 VT: 136-174+470-512 VUT: 136-174+450-512	ND: NO DUPLEX 20: 2MHz BW 35: 3MHz BW	ND: NO DUPLEX	
		20: 2.0MHz BW - Band U 450-470MHz	
		40: 4.0MHz BW - Band U 450-470MHz	
		07: 0.7MHz BW - Band T 470-512MHz	
		15: 1.5MHz BW - Band T 470-512MHz	
		20: 2.0MHz BW - Band T 470-512MHz	
		MDA: 453-454/458-459 & 460-462/465-467MHz	
		0740: Dual sub band 0.7 and 4.0MHz BW each - Band U 450-470MHz	
		2020: Dual sub band 2.0MHz BW each - Band U 450-470MHz	
		2040: Dual sub band 2.0MHz BW and 4.0MHz - Band U 450-470MHz	
		RWC: 483.4-484.5/486.4-487.5 & 488.5-489/491.5-492 MHz	
		0707: Dual sub band 0.7MHz BW each - Band T 470-512MHz	
		0715: Dual sub band 0.7 and 1.5MHz BW each - Band T 470-512MHz	
		0720: Dual sub band 0.7 and 2.0MHz BW each - Band T 470-512MHz	
		1515: Dual sub band 1.5MHz BW each - Band T 470-512MHz	
		2007: Dual sub band 2.0MHz BW in Band U 450-470MHz and 0.7MHz BW in Band T 470-512MHz	
		2015: Dual sub band 2.0MHz BW in Band U 450-470MHz and 1.5MHz BW in Band T 470-512MHz	
2020: Dual sub band 2.0MHz BW in Band U 450-470MHz and 2.0MHz BW in Band T 470-512MHz			
200707: Triple sub band, 2.0MHz BW in Band U 450-470MHz and two sub bands 0.7MHz BW in Band T 470-512MHz			

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