



Scale 2:1

## Features

- ▄ High selectivity
- ▄ Bandwidths from  $\pm 2.0\text{kHz} \sim 15.0\text{kHz}$  @ 6dB
- ▄ Excellent GDT available for digital comms
- ▄ Resin molded package for easy PCB mounting

## Ordering Information

Global part number  
eg: **CFWLA455KGFA-B0**

- ◆ Suffix -B0 denotes bulk pack, 150pcs per box
- ◆ Suffix -M0 denotes magazines - 50pcs per magazine

## Standard Models

Murata Global Part Number	Old Model Number	Centre Frequency Fc (kHz)	6dB Bandwidth (kHz) min	50dB Bandwidth (dB @ kHz)	Attenuation Fc $\pm 100\text{kHz}$ (dB) min	Insertion Loss (dB) max	Pass Band (kHz)	Inband Ripple (dB) max	Inband GDT Deviation ( $\mu\text{s}$ ) max	Input/Output Impedance (ohms)	Operating Temperature Range ( $^{\circ}\text{C}$ )
CFWLA450K DFA-B0	CFWS450D	450.0	$\pm 10.00$	$\pm 20.00$	35	4	$\pm 7.0$	3.0		1500	-20 to +80
CFWLA450KEFA-B0	CFWS450E	450.0	$\pm 7.50$	$\pm 15.00$	35	6	$\pm 5.0$	3.0		1500	-20 to +80
CFWLA450KFFA-B0	CFWS450F	450.0	$\pm 6.00$	$\pm 12.50$	35	6	$\pm 4.0$	3.0		2000	-20 to +80
CFWLA450KGFA-B0	CFWS450G	450.0	$\pm 4.50$	$\pm 10.00$	35	6	$\pm 3.0$	2.0		2000	-20 to +80
CFWLA450KHFA-B0	CFWS450HT	450.0	$\pm 3.00$	$\pm 9.00$	60	6	$\pm 2.0$	2.0		2000	-20 to +80
CFWLA450KJFA-B0	CFWS450IT	450.0	$\pm 2.00$	$\pm 7.50$	60	7	$\pm 1.5$	2.0		2000	-20 to +80
CFWLA455KBFA-B0	CFWS455B	455.0	$\pm 15.00$	$\pm 30.00$	35	4	$\pm 10.0$	3.0		1500	-20 to +80
CFWLA455KCFA-B0	CFWS455C	455.0	$\pm 12.50$	$\pm 24.00$	35	4	$\pm 8.0$	3.0		1500	-20 to +80
CFWLA455K DFA-B0	CFWS455D	455.0	$\pm 10.00$	$\pm 20.00$	35	4	$\pm 7.0$	3.0		1500	-20 to +80
CFWLA455KEFA-B0	CFWS455E	455.0	$\pm 7.50$	$\pm 15.00$	35	6	$\pm 5.0$	3.0		1500	-20 to +80
CFWLA455KFFA-B0	CFWS455F	455.0	$\pm 6.00$	$\pm 12.50$	35	6	$\pm 4.0$	3.0		2000	-20 to +80
CFWLA455KGFA-B0	CFWS455G	455.0	$\pm 4.50$	$\pm 10.00$	35	6	$\pm 3.0$	2.0		2000	-20 to +80
CFWLA455KHFA-B0	CFWS455HT	455.0	$\pm 3.00$	$\pm 9.00$	60	6	$\pm 2.0$	2.0		2000	-20 to +80
CFWLA455KJFA-B0	CFWS455IT	455.0	$\pm 2.00$	$\pm 7.50$	60	7	$\pm 1.5$	2.0		2000	-20 to +80

## Flat Group Delay Models

Murata Global Part Number	Old Model Number	Centre Frequency Fc (kHz)	6dB Bandwidth (kHz) min	50dB Bandwidth (dB @ kHz)	Attenuation Fc $\pm 100\text{kHz}$ (dB) min	Insertion Loss (dB) max	Pass Band (kHz)	Inband Ripple (dB) max	Inband GDT Deviation ( $\mu\text{s}$ ) max	Input/Output Impedance (ohms)	Operating Temperature Range ( $^{\circ}\text{C}$ )
CFWLA450KD1Y-B0	CFWS450DY	450.0	$\pm 10.00$	$\pm 25.00$	40	8	$\pm 7.0$	1.0	30	1500	-20 to +80
CFWLA450KF1Y-B0	CFWS450FY	450.0	$\pm 6.00$	$\pm 17.50$	40	10	$\pm 4.0$	1.0	40	2000	-20 to +80
CFWLA450KG1Y-B0	CFWS450GY	450.0	$\pm 4.50$	$\pm 15.00$	40	11	$\pm 3.0$	1.0	40	2000	-20 to +80
CFWLA455KB4Y-B0	CFWS455BY	455.0	$\pm 15.00$	$\pm 35.00$	40	6	$\pm 10.0$	1.0	30	1500	-20 to +80
CFWLA455KC4Y-B0	CFWS455CY	455.0	$\pm 12.50$	$\pm 30.00$	40	7	$\pm 8.0$	1.0	30	1500	-20 to +80
CFWLA455KD1Y-B0	CFWS455DY	455.0	$\pm 10.00$	$\pm 25.00$	40	8	$\pm 7.0$	1.0	30	1500	-20 to +80
CFWLA455KE1Y-B0	CFWS455EY	455.0	$\pm 7.50$	$\pm 20.00$	40	9	$\pm 5.0$	1.0	30	1500	-20 to +80
CFWLA455KF1Y-B0	CFWS455FY	455.0	$\pm 6.00$	$\pm 17.50$	40	10	$\pm 4.0$	1.0	40	2000	-20 to +80
CFWLA455KG1Y-B0	CFWS455GY	455.0	$\pm 4.50$	$\pm 15.00$	40	11	$\pm 3.0$	1.0	40	2000	-20 to +80