



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: **CFULB455KG1A-B0**

- ◆ Suffix -B0 denotes bulk pack, 250pcs per box (standard)
- ◆ Suffix -M0 denotes magazines - 80pcs per magazine.

## Standard Models

Murata Global Part Number	Old Model Number	Centre Frequency Fc (kHz)	6dB Bandwidth (kHz) min	40dB 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 ( $^{\circ}\text{C}$ )
CFULB455KB2A-B0	CFUM455B	455.0	$\pm 15.00$	$\pm 30.00$	27	4.0	$\pm 10.0$	3.0		1500	-20 to +80
CFULB455KC2A-B0	CFUM455C	455.0	$\pm 12.50$	$\pm 24.00$	27	4.0	$\pm 8.0$	3.0		1500	-20 to +80
CFULB455KD4A-B0	CFUM455D	455.0	$\pm 10.00$	$\pm 20.00$	27	4.0	$\pm 7.0$	2.0		1500	-20 to +80
CFULB455KE4A-B0	CFUM455E	455.0	$\pm 7.50$	$\pm 15.00$	27	6.0	$\pm 5.0$	1.5		1500	-20 to +80
CFULB455KF4A-B0	CFUM455F	455.0	$\pm 6.00$	$\pm 12.50$	27	6.0	$\pm 4.0$	1.5		2000	-20 to +80
CFULB455KG1A-B0	CFUM455G	455.0	$\pm 4.50$	$\pm 10.00$	25	6.0	$\pm 3.0$	1.5		2000	-20 to +80
CFULB455KH1A-B0	CFUM455H	455.0	$\pm 3.00$	$\pm 9.00$	35	6.0	$\pm 2.0$	1.5		2000	-20 to +80
CFULB455KJ1A-B0	CFUM455I	455.0	$\pm 2.00$	$\pm 7.50$	35	6.0	$\pm 1.5$	1.5		2000	-20 to +80

## Flat Group Delay Models

Murata Global Part Number	Old Model Number	Centre Frequency Fc (kHz)	6dB Bandwidth (kHz) min	40dB 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 ( $^{\circ}\text{C}$ )
CFULB455KB4Y-B0	CFUM455BY	455.0	$\pm 15.00$	$\pm 35.00$	25	5.0	$\pm 10.0$	1.0	15	1500	-20 to +80
CFULB455KC4Y-B0	CFUM455CY	455.0	$\pm 12.50$	$\pm 30.00$	25	6.0	$\pm 8.0$	1.0	15	1500	-20 to +80
CFULB455KD1Y-B0	CFUM455DY	455.0	$\pm 10.00$	$\pm 25.00$	23	7.0	$\pm 7.0$	1.0	20	1500	-20 to +80
CFULB455KE1Y-B0	CFUM455EY	455.0	$\pm 7.50$	$\pm 20.00$	23	8.0	$\pm 5.0$	1.0	20	1500	-20 to +80
CFULB455KF1Y-B0	CFUM455FY	455.0	$\pm 6.00$	$\pm 17.50$	23	9.0	$\pm 4.0$	1.0	20	2000	-20 to +80
CFULB455KG1Y-B0	CFUM455GY	455.0	$\pm 4.50$	$\pm 15.00$	23	10.0	$\pm 3.0$	1.0	20	2000	-20 to +80

- ◆ Connect the output to the IF amplifier through a DC blocking capacitor
- ◆ Avoid applying direct current to the output of ceramic filters
- ◆ All models offer a storage temperature range of -40 to +85 $^{\circ}\text{C}$