



Scale 2:1

Features

- High selectivity
- Bandwidths from $\pm 3.0\text{kHz} \sim 15.0\text{kHz}$ @ 6dB
- Excellent GDT available for digital comms
- Resin molded package for easy PCB mounting

Ordering Information

Global part number
eg: **CFULA455KE4A-B0**

- ◆ Suffix -B0 denotes bulk pack, 200pcs 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 (μs) max	Input/Output Impedance (ohms)	Operating Temperature Range ($^{\circ}\text{C}$)
CFULA455KB2A-B0	CFUS455B	455.0	± 15.00	± 30.00	27	4.0	± 10.0	3.0		1500	-20 to +80
CFULA455KC2A-B0	CFUS455C	455.0	± 12.50	± 24.00	27	4.0	± 8.0	3.0		1500	-20 to +80
CFULA455KD4A-B0	CFUS455D	455.0	± 10.00	± 20.00	27	4.0	± 7.0	2.0		1500	-20 to +80
CFULA455KE4A-B0	CFUS455E	455.0	± 7.50	± 15.00	27	6.0	± 5.0	1.5		1500	-20 to +80
CFULA455KF4A-B0	CFUS455F	455.0	± 6.00	± 12.50	27	6.0	± 4.0	1.5		2000	-20 to +80
CFULA455KG1A-B0	CFUS455G	455.0	± 4.50	± 10.00	25	6.0	± 3.0	1.5		2000	-20 to +80
CFULA455KH1A-B0	CFUS455HT	455.0	± 3.00	± 9.00	35	6.0	± 2.0	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 (μs) max	Input/Output Impedance (ohms)	Operating Temperature Range ($^{\circ}\text{C}$)
CFULA455KB4Y-B0	CFUS455BY	455.0	± 15.00	± 35.00	25	5.0	± 10.0	1.0	15	1500	-20 to +80
CFULA455KC4Y-B0	CFUS455CY	455.0	± 12.50	± 30.00	25	6.0	± 8.0	1.0	15	1500	-20 to +80
CFULA455KD1Y-B0	CFUS455DY	455.0	± 10.00	± 25.00	23	7.0	± 7.0	1.0	20	1500	-20 to +80
CFULA455KE1Y-B0	CFUS455EY	455.0	± 7.50	± 20.00	23	8.0	± 5.0	1.0	20	1500	-20 to +80
CFULA455KF1Y-B0	CFUS455FY	455.0	± 6.00	± 17.50	23	9.0	± 4.0	1.0	20	2000	-20 to +80
CFULA455KG1Y-B0	CFUS455GY	455.0	± 4.50	± 15.00	23	10.0	± 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 $^{\circ}\text{C}$