



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
- ▄▄▄▄ Low profile SM package

Ordering Information

Global part number
eg: **CFUKF455KB4X-R0**

- ◆ Suffix -R0 denotes T&R, 450pcs per reel

CFUKF Series

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 (μs) max	Input/Output Impedance (ohms)	Operating Temperature Range ($^{\circ}\text{C}$)
CFUKF455KA2X-R0	SFGCG455AX	455.0	± 17.50	± 40.00	25	4	± 12.0	1.0	15.0	1000	-20 to +80
CFUKF455KB4X-R0	SFGCG455BX	455.0	± 15.00	± 35.00	25	5	± 10.0	1.0	15.0	1000	-20 to +80
CFUKF455KC4X-R0	SFGCG455CX	455.0	± 12.50	± 30.00	25	6	± 8.0	1.0	15.0	1000	-20 to +80
CFUKF455KD1X-R0	SFGCG455DX	455.0	± 10.00	± 25.00	23	7	± 7.0	1.0	20.0	1000	-20 to +80
CFUKF455KE1X-R0	SFGCG455EX	455.0	± 7.50	± 20.00	23	8	± 5.0	1.0	20.0	1500	-20 to +80

CFUKG Series

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 ($^{\circ}\text{C}$)
CFUKG455KD4A-R0	CFUCG455D	455.0	± 10.00	± 20.00	27	4	± 7.0	2.0		1500	-20 to +80
CFUKG455KE4A-R0	CFUCG455E	455.0	± 7.50	± 15.00	27	6	± 5.0	1.5		1500	-20 to +80
CFUKG455KE4X-R0	CFUCG455EX	455.0	± 7.50	± 17.50	27	6	± 5.0	1.0	25.0	1500	-20 to +80
CFUKG455KF4A-R0	CFUCG455F	455.0	± 6.00	± 12.50	27	6	± 4.0	1.5		1500	-20 to +80
CFUKG455KF4X-R0	CFUCG455FX	455.0	± 6.00	± 15.00	27	6	± 4.0	1.0	25.0	1500	-20 to +80
CFUKG455KG1A-R0	CFUCG455G	455.0	± 4.50	± 10.00	25	6	± 3.0	1.5		1500	-20 to +80
CFUKG455KG1X-R0	CFUCG455GX	455.0	± 4.50	± 12.50	25	6	± 3.0	1.0	25.0	1500	-20 to +80
CFUKG455KH1X-R0	CFUCG455HX	455.0	± 3.00	± 10.00	25	7	± 2.0	1.0	25.0	1500	-20 to +80