

# Dielectric Filter for Cordless Phone

## Features

- ★ High attenuation
- ★ Very low insertion loss

## Applications

- ★ Cordless phone

## Specification (Characteristics)



Part Number	Center Frequency (MHz)	Band Width (MHz)	Insertion Loss (dB)	Ripple (dB)	VSWR (in BW)	Attenuation (dB)	Dimension (mm)	Pole Type
DFC886P02A	886.00	± 1.0	≤ 3.0	≤ 0.5	≤ 2.0	≥ 30 (fo + 44MHz) ≥ 24 (fo - 44MHz)	9.0 x 7.3 x 3.65	C
DFC903A02A	903.00	± 1.0	≤ 3.5	≤ 0.5	≤ 2.0	≥ 35 (fo + 24MHz)	8.7 x 7.3 x 3.65	C
DFC903B02A	903.00	± 1.0	≤ 4.0	≤ 0.5	≤ 2.0	≥ 35 (fo + 24MHz) ≥ 18 (fo - 24MHz)	8.4 x 5.8 x 2.8	C
DFC903K02A	903.00	± 1.0	≤ 4.0	≤ 0.5	≤ 2.0	≥ 35 (fo + 24MHz)	8.8 x 5.8 x 2.8	C
DFC903P02A	903.00	± 1.0	≤ 4.0	≤ 0.5	≤ 2.0	≥ 25 (fo + 24MHz)	8.7 x 7.3 x 3.65	C
DFC914D01A	914.50	± 0.5	≤ 3.0	≤ 0.5	≤ 2.0	≥ 30 (fo + 44MHz) ≥ 24 (fo - 44MHz)	8.8 x 6.0 x 3.0	C
DFC914D01AA	914.50	± 0.5	≤ 3.5	≤ 0.5	≤ 2.0	≥ 30 (fo + 44MHz) ≥ 24 (fo - 44MHz)	8.7 x 6.0 x 2.5	C
DFC914D01AJ	914.50	± 0.5	≤ 4.0	≤ 0.5	≤ 2.0	≥ 41 (fo + 44MHz) ≥ 31 (fo - 44MHz)	8.8 x 6.0 x 3.0	C
DFC914P01A	914.50	± 0.5	≤ 3.0	≤ 0.5	≤ 2.0	≥ 30 (fo + 44MHz) ≥ 24 (fo - 44MHz)	8.6 x 7.3 x 3.65	C
DFC914P01AK	914.50	± 0.5	≤ 3.0	≤ 0.5	≤ 2.0	≥ 32 (fo + 44MHz) ≥ 24 (fo - 44MHz)	8.6 x 7.5 x 3.65	C
DFC915B26A	915.00	± 13.0	≤ 2.5	≤ 0.5	≤ 2.0	≥ 17 (fo + 77.5MHz) ≥ 27 (fo - 77.5MHz)	7.2 x 5.75 x 2.85	C
DFC915U26A	915.00	± 13.0	≤ 2.0	≤ 1.0	≤ 2.0	≥ 15 (in 825MHz) ≥ 35 (in 1026MHz)	8.3 x 7.55 x 2.7	S
DFC927A02A	927.00	± 1.0	≤ 3.5	≤ 0.5	≤ 2.0	≥ 35 (fo - 24MHz)	8.5 x 7.3 x 3.65	C
DFC927B02A	927.00	± 1.0	≤ 4.0	≤ 0.5	≤ 2.0	≥ 18 (fo + 24MHz) ≥ 35 (in 1026MHz)	8.3 x 5.8 x 2.8	C
DFC927K02A	927.00	± 1.0	≤ 4.0	≤ 0.5	≤ 2.0	≥ 35 (fo - 24MHz)	8.6 x 5.8 x 2.8	C
DFC927P02A	927.00	± 1.0	≤ 4.0	≤ 0.5	≤ 2.0	≥ 25 (fo - 24MHz)	8.5 x 7.3 x 3.65	C
DFC931P02A	931.00	± 1.0	≤ 3.0	≤ 0.5	≤ 2.0	≥ 24 (fo + 44MHz) ≥ 30 (fo - 44MHz)	8.6 x 7.3 x 3.65	C
DFC959D01A	959.50	± 0.5	≤ 3.0	≤ 0.5	≤ 2.0	≥ 30 (fo + 44MHz) ≥ 24 (fo - 44MHz)	8.4 x 6.0 x 3.0	C
DFC959D01AJ	959.50	± 0.5	≤ 4.0	≤ 0.5	≤ 2.0	≥ 41 (fo + 44MHz) ≥ 31 (fo - 44MHz)	8.2 x 6.0 x 3.0	C
DFC959P01A	959.50	± 0.5	≤ 3.0	≤ 0.5	≤ 2.0	≥ 24 (fo + 44MHz) ≥ 30 (fo - 44MHz)	8.5 x 7.3 x 3.65	C
DFC2403A06A	2403.30	± 3.0	≤ 3.5	≤ 0.5	≤ 2.0	≥ 35 (in 2475MHz)	7.0 x 7.3 x 3.65	C
DFC2403K06A	2403.30	± 3.0	≤ 3.5	≤ 0.5	≤ 2.0	≥ 35 (in 2475MHz)	5.3 x 5.8 x 2.8	C
DFC2403P06A	2403.30	± 3.0	≤ 3.5	≤ 0.5	≤ 2.0	≥ 35 (in 2475MHz)	7.0 x 7.3 x 3.65	C
DFC2475A06A	2475.30	± 3.0	≤ 3.5	≤ 0.5	≤ 2.0	≥ 35 (in 2403MHz)	6.8 x 7.3 x 3.65	C
DFC2475C06A	2475.30	± 3.0	≤ 3.5	≤ 0.5	≤ 2.0	≥ 35 (in 2403MHz)	6.7 x 7.3 x 3.65	C
DFC2475K06A	2475.30	± 3.0	≤ 3.5	≤ 0.5	≤ 2.0	≥ 35 (in 2403MHz)	5.2 x 5.8 x 2.8	C
DFC2477K06AA	2477.00	± 3.0	≤ 3.0	≤ 0.5	≤ 2.0	≥ 35 (fo - 72MHz)	6.8 x 6.0 x 3.0	C

## Part Number and Ordering Code

Part Number Code	Product Code	Center Frequency	Structure Mode	Band Width	Resonance Mode (A : λ/4, B = λ/2)	Identification code
Ordering Code	Same As Above					
Example	DFC	2477	K	02	A	A