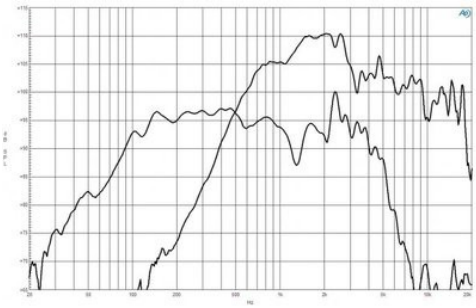
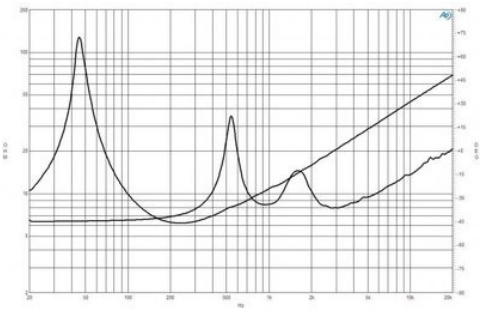




# 12FCX76

## Coaxials - 12.0 Inches

700 W continuous program power capacity
80° nominal coverage
47 - 18000 Hz response
98 dB sensitivity
50.5 mm (2”) HF unit exit diameter

## Specifications

| | |
|---|---|
| Nominal diameter | 320 mm (12.0 in) |
| Nominal impedance | 8 Ω |
| Minimum impedance lf | 6.3 Ω |
| Minimum impedance hf | 7.8 Ω |
| Frequency range | 47 - 18000 Hz |
| Dispersion angle[1] | 80 ° |
| Magnet material | Ceramic |

## Specifications LF Unit

| | |
|---|---|
| LF Sensitivity[2] | 98.0 dB |
| LF Nominal Power Handling[3] | 350 W |
| LF Continuous Power Handling[4] | 700 W |
| LF Voice Coil Diameter | 76 mm (3.0 in) |
| LF Winding Material | Copper |

## Specifications HF Unit

| | |
|---|---|
| HF Sensitivity[5] | 106.0 dB |
| HF Nominal Power Handling[6] | 80 W |
| HF Continuous Power Handling[7] | 160 W |
| HF Voice Coil Diameter | 75 mm (3.0 in) |

## Specifications HF Unit

| | |
|---|---|
| HF Winding Material | Aluminium |
| Diaphragm material | Titanium |
| Recommended crossover[8] | 1.2 kHz |

## Parameters

| | |
|---|---|
| Fs | 47 Hz |
| Re | 5.3 Ω |
| Qes | 0.35 |
| Qms | 11.0 |
| Qts | 0.34 |
| Vas | 82.0 $dm^3$ (2.98 $ft^3$) |
| Sd | 522.0 $cm^2$ (80.9 $in^2$) |
| $\eta_0$ | 2.3 % |
| Xmax | 6.5 mm |
| Xvar | 5.0 mm |
| Mms | 54 g |
| Bl | 15.6 Txm |
| Le | 1.3 mH |
| EBP | 134 Hz |

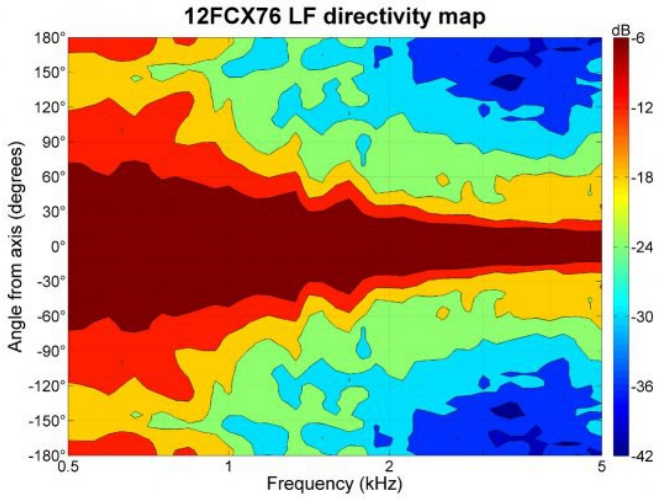
## Mounting And Shipping Info

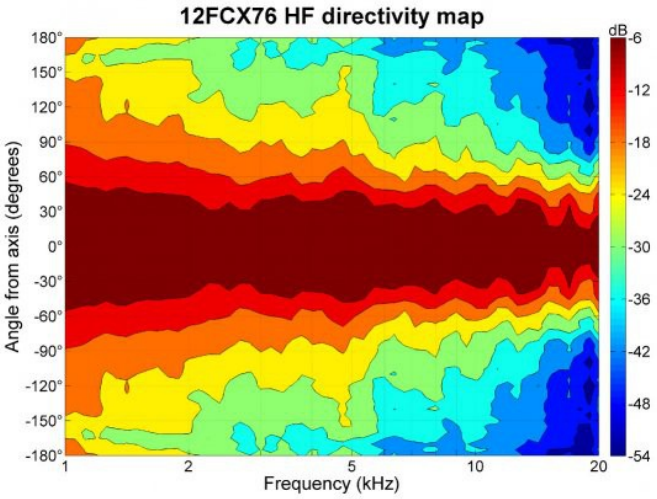
| | |
|---|---|
| Overall diameter | 315 mm (12.5 in) |
| Bolt circle diameter | 298 mm (11.7 in) |
| Baffle cutout diameter | 282 mm (11.1 in) |
| Depth | 169 mm (6.65 in) |
| Flange and gasket thickness | 14 mm (0.55 in) |
| Net weight | 8.0 kg (17.6 lb) |
| Shipping units | 1 |
| Shipping weight | 8.7 kg (19.2 lb) |
| Shipping box | 446x439x253 mm (17.5x17.3x10 in) |

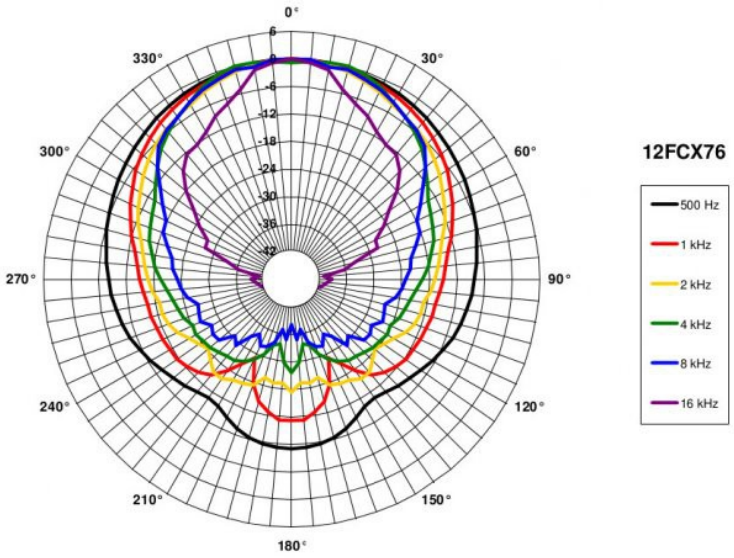
## Service Kit

| | |
|---|---|
| Service kit lf | RCK12FCX768 |
| Replacement diaphragm | MMD3BTN8M |

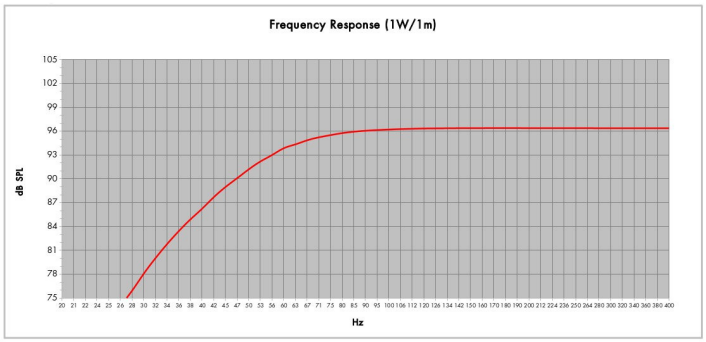
1. Included by –6 dB down points.
2. Applied RMS Voltage is set to 2.83V.
3. 2 hours test made with continuous pink noise signal (6 dB crest factor) within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.
4. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
5. Applied RMS Voltage is set to 2.83V.
6. 2 hour test made with continuous pink noise signal (6 dB crest factor) within the range from the recommended crossover frequency to 20 kHz. Power calculated on rated minimum impedance. Loudspeaker in free air.
7. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
8. 12 dB/oct. or higher slope high-pass filter.




B&C SPEAKERS




| | | | |
|---|---|---|---|
| Model: | **12FCX76** | | |
| Enclosure Type: | **Bass Reflex** | Configuration: | **One Driver** |
| Internal Net Volume (Litres): | **50** | Qb: | **7** |
| Tuning Frequency (Hz): | **50** | Port Area (cm²): | **138,7** |
| Frequency (-3 dB) (Hz): | **57,7** | Port Length (cm): | **21,8** |