

SPLIT FERRITE CORE

Kitagawa series: GRFC



- Cable tie feature on select lines.
- Harness guide provides easy harness winding.
- Prevents cable pinching.
- Suited for high frequency applications.
- Reduces labour time and cost.
- Typical applications include smart factories, air conditioning units, flat screen TVs and displays.

[Application Examples](#)
[Ferrite Selection Guide](#)
[RFC-H13/RFC-20](#)

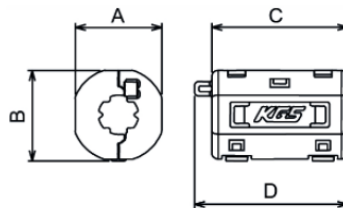
Material: Ferrite Core: Soft ferrite

Housing: PA66 (Colour: light grey/Flammability: UL 94-V-0).

(Colour: black/Flammability: UL 94-V-2).

| Part Number | Applicable cable diameter | A | B | C | D | Impedance $\Omega/100\text{MHz}$ (1 turn) |
|-------------|------------------------------|-------|------|------|------|---|
| GRFC-3 | $\varnothing 3.0 \sim 4.0$ | 13.7 | 13.5 | 18.0 | - | ≥ 35 |
| GRFC-4 | $\varnothing 3.5 \sim 4.5$ | 13.7 | 13.5 | 27.5 | - | ≥ 75 |
| GRFC-5 | $\varnothing 4.5 \sim 5.5$ | 18.1 | 18.4 | 31.5 | 35.5 | ≥ 100 |
| GRFC-6 | $\varnothing 5.5 \sim 6.5$ | 18.1 | 18.4 | 31.5 | 35.5 | ≥ 100 |
| GRFC-7 | Max $\varnothing 7$ | 14.25 | 15.8 | 20.0 | 24.0 | ≥ 45 |
| GRFC-8 | $\varnothing 7.5 \sim 8.5$ | 20.01 | 20.4 | 31.5 | 35.5 | ≥ 75 |
| GRFC-9 | $\varnothing 8.5 \sim 9.5$ | 20.01 | 20.4 | 31.5 | 35.5 | ≥ 75 |
| GRFC-10 | $\varnothing 9.5 \sim 10.5$ | 26.3 | 20.4 | 32.4 | 37.2 | ≥ 105 |
| GRFC-13 | $\varnothing 12.5 \sim 13.5$ | 29.1 | 20.4 | 31.5 | 36.3 | ≥ 95 |

Dimensions in mm.



Part numbers GRFC-3, GRFC-4 and GRFC-7 have different configurations. Please contact sales team for engineering drawings.

