

# HIGH IMPEDANCE SPLIT FERRITE

**Kitagawa series: KRFC**



- Suited for intermediate frequency range 3-50MHz.
- Effective suppression of conducted noise up to 30MHz and radiated noise over 30MHz.
- Wire guiding system prevents wires becoming pinched.
- Cable tie assists with securing both wires and the ferrite.
- Typical applications include smart factories, air conditioning units, flat screen TVs and displays.

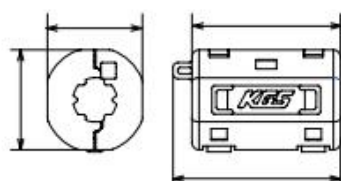
[Application Examples](#)   [Ferrite Selection Guide](#)

**Material:** Ferrite Core: Soft ferrite

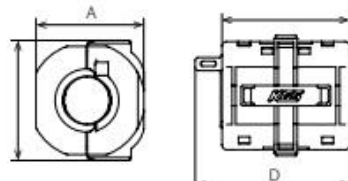
Housing: PA66 (Colour: natural/Flammability: UL 94-V-0).

Part No	A (mm)	B (mm)	C (mm)	D (mm)	Applicable cable diameter	Impedance $\Omega$ /100MHz (1 turn)
KRFC-4	13.7	13.5	27.5	-	$\varnothing 3.5 \sim 4.5$	$\geq 70$
KRFC-6	18.1	18.4	31.5	35.5	$\varnothing 5.5 \sim 6.5$	$\geq 110$
KRFC-8	20.1	20.4	31.5	35.5	$\varnothing 7.5 \sim 8.5$	$\geq 80$
KRFC-9	20.1	20.4	31.5	35.5	$\varnothing 8.5 \sim 9.5$	$\geq 80$
KRFC-10	26.3	26.4	32.4	37.2	$\varnothing 9.5 \sim 10.5$	$\geq 120$
KRFC-13	29.1	29.4	31.5	36.3	$\varnothing 12.5 \sim 13.5$	$\geq 105$
KRFC-15	36.1	40.1	42.8	52.3	MAX $\varnothing 15.5$	$\geq 221$

Profile : ①



Profile : ②



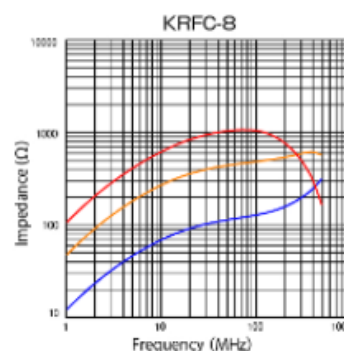
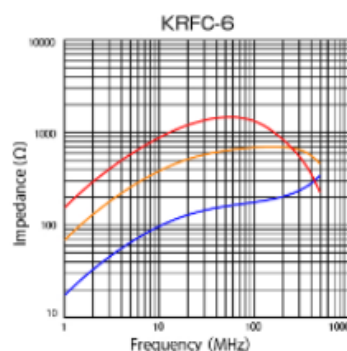
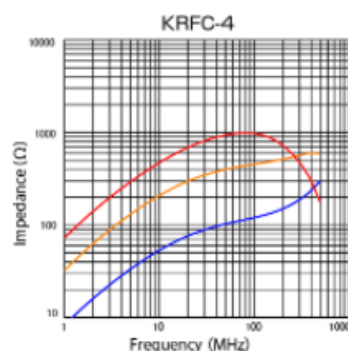
※ 1) P/N for the product with fixture : KRFC2-15

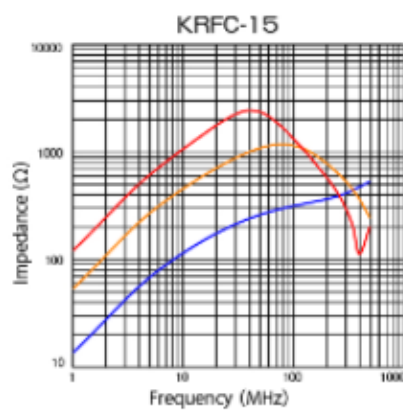
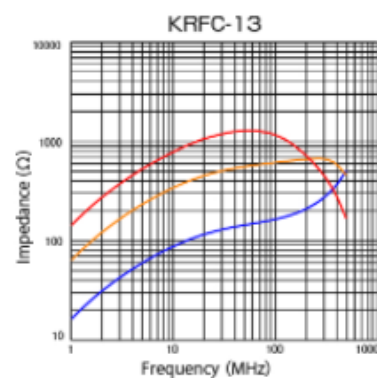
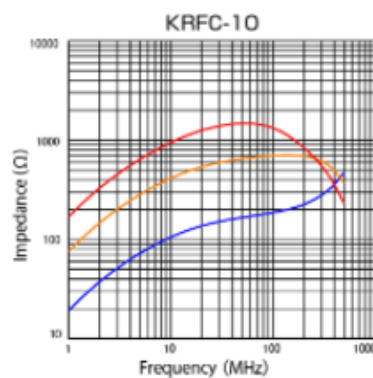
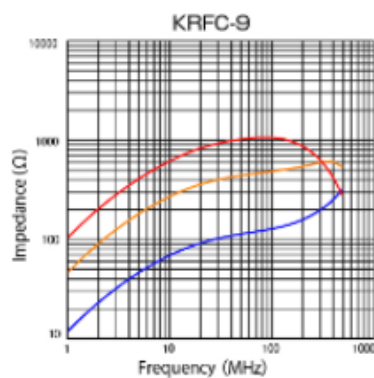


— 1 Turn

— 2 Turn

— 3 Turn





● Impedance vs Frequency characteristic (Number of turns in the wire: 1 turn)

