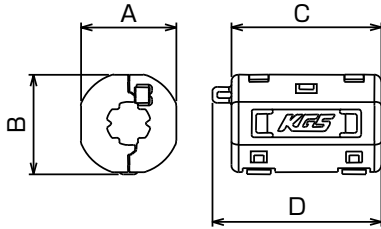




## Non-split toroidal cores

### Feature

- Split ferrite cores with plastic housing for easy fixing on assembled cables or cables with connectors.
- Cable tie can assist to hold electric wires and enables the product to be fixed to wire harness. (Excluding GRFC-3/4,RFC-H13,RFC-20)
- Wire guiding system prevents wires from being pinched when winding assembly.

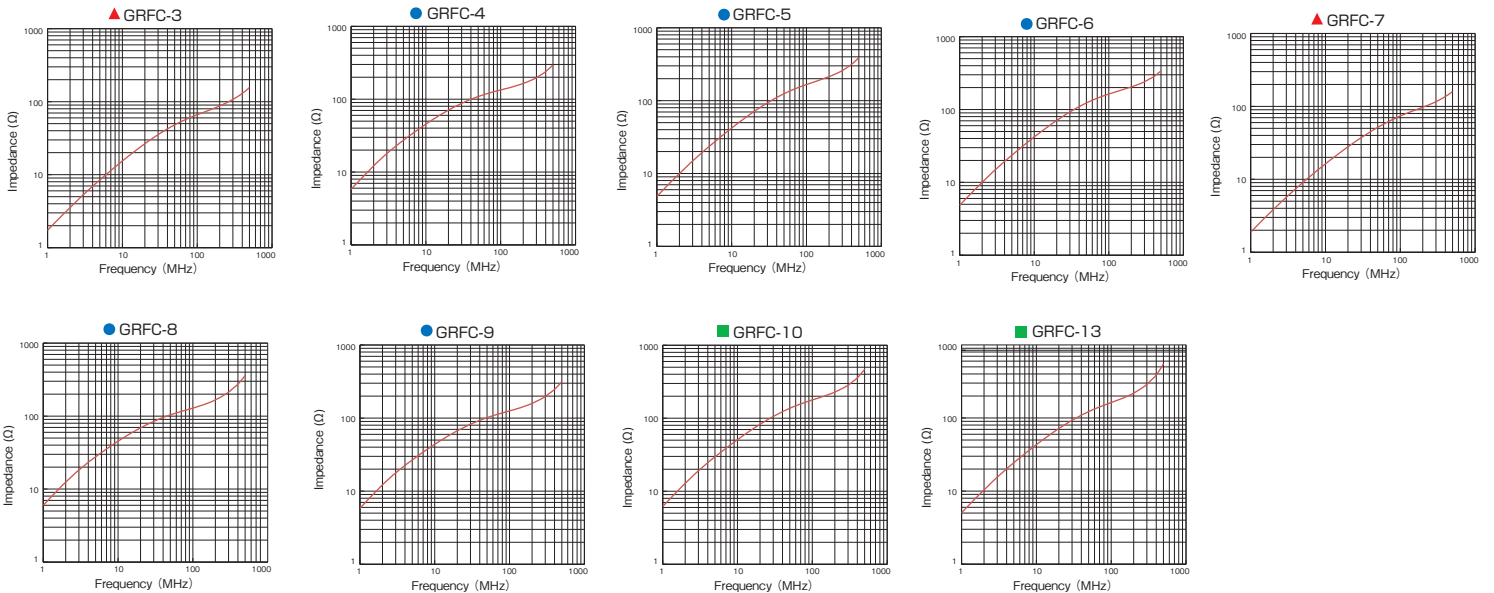


### Material

- Ferrite Core : Soft ferrite
- Housing : PA66 (Color : Light gray / Flammability : UL94V-0)  
(Color : Black / Flammability : UL94V-2)

Part No.	A	B	C	D	Applicable cable diameter	Impedance* Ω/100MHz (1 turn)
GRFC-3	13.7	13.5	18.0	—	φ 3.0~4.0	≧ 35
GRFC-4	13.7	13.5	27.5	—	φ 3.5~4.5	≧ 75
GRFC-5	18.1	18.4	31.5	35.5	φ 4.5~5.5	≧ 100
GRFC-6	18.1	18.4	31.5	35.5	φ 5.5~6.5	≧ 100
GRFC-7	14.25	15.8	20.0	24.0	Max. φ 7	≧ 45
GRFC-8	20.1	20.4	31.5	35.5	φ 7.5~8.5	≧ 75
GRFC-9	20.1	20.4	31.5	35.5	φ 8.5~9.5	≧ 75
GRFC-10	26.3	26.4	32.4	37.2	φ 9.5~10.5	≧ 105
GRFC-13	29.1	29.4	31.5	36.3	φ 12.5~13.5	≧ 95

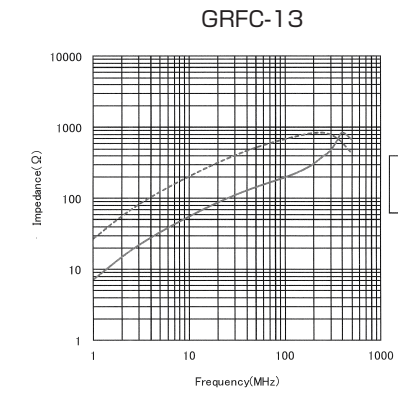
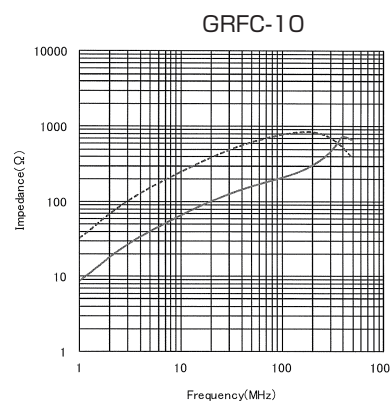
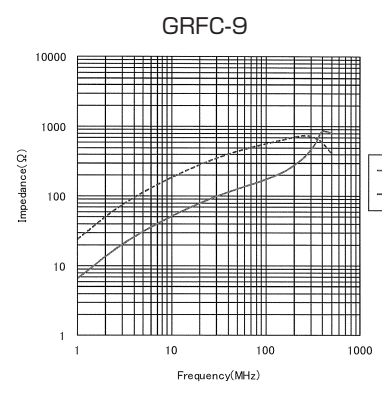
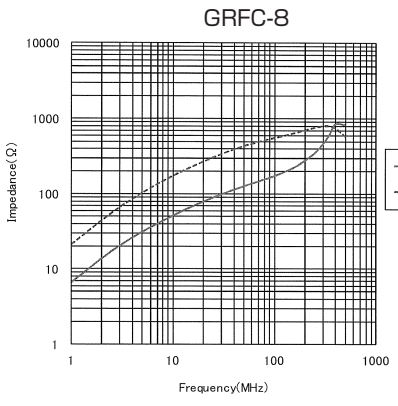
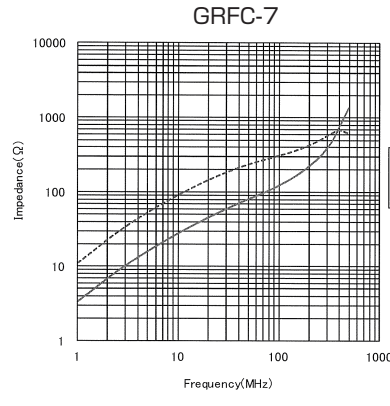
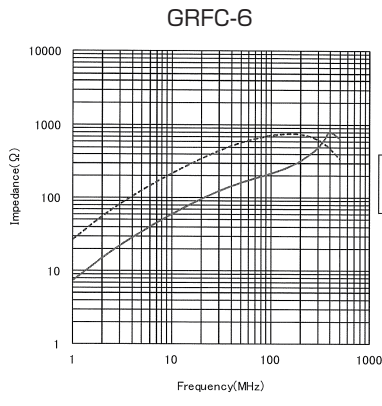
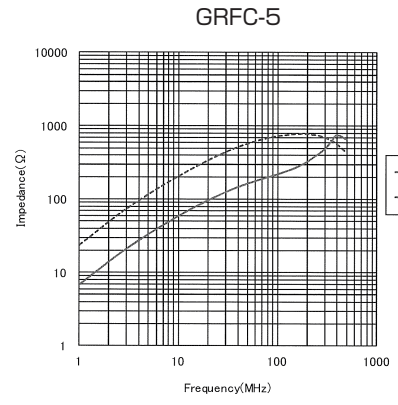
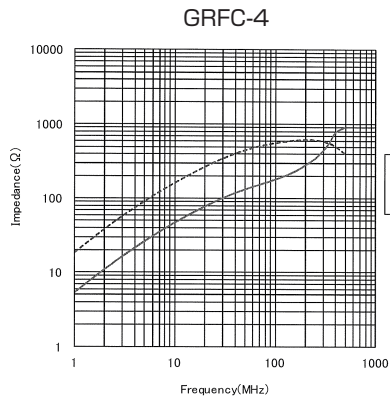
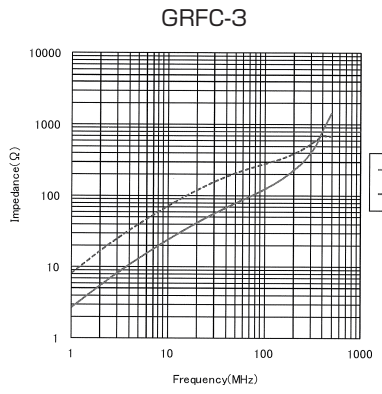
## Impedance vs frequency



Test condition	
▲	Wire:UEW φ0.5 mm / Length 50 mm / 1 Turn
●	Wire:UEW φ0.5 mm / Length 80 mm / 1 Turn
■	Wire:UEW φ0.5 mm / Length 100 mm / 1 Turn

RF Impedance Material Analyzer Agilent E4991A

- All specifications and characteristics shown herein are typical values, but are not guaranteed.
- All specifications and characteristics shown herein are subject to change without notice for improvements or changes in specification.



Test condition  
 Wire: AWG26  $\phi$ 0.5mm / Length 165 mm / 1 Turn / 2 Turns

RF Impedance Material Analyzer Agilent E4991A

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