

Ferrite Cores

For Cable

Separable Cylindrical

RU Series

FEATURES

- For use with round cables. Both the clamp-on type and the regular type cores are available with diameters ranging from 7.3 to 13mm. Clamp-on cores can be attached to an existing cable while avoiding removal or cutting of the cable.
- Both regular and clamp-on types are available for use with flat cables. The clamp-on type core is highly effective for noise absorption (EMC) due to precision finish of the mating surfaces.

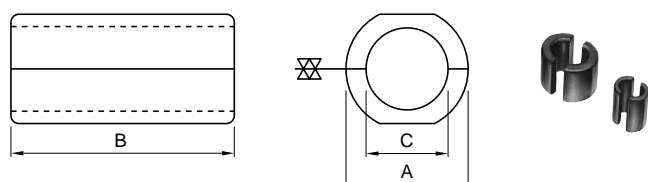
APPLICATIONS

Imaging devices, audio equipment, automotive electronics, telecommunication devices, office automation equipment, and digital interface various other cables.

MATERIAL CHARACTERISTICS

Material	Initial permeability μ_i	Temperature factor of initial permeability $\alpha_{\mu i} \times 10^{-6}/^{\circ}\text{C}$	Saturation magnetic flux density $B_s(\text{mT})$
HF70	1500	1 to 3	280[H=1600A/m]
HF60	900	8 to 14	300[H=1600A/m]

SHAPES AND DIMENSIONS/CHARACTERISTICS

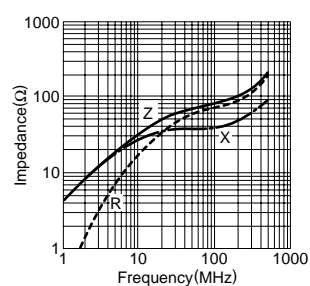


Part No.	Dimensions(mm)			Impedance Z (Ω)[at 23°C]		
	A	B	C	10MHz typ.	100MHz typ.	100MHz min.
HF70RU12X15X7.3	12	15	7.3	37	82	57
HF70RU16X28X9	16	28	9	98	195	135
HF70RU26X29X13	26	29	13	91	245	170

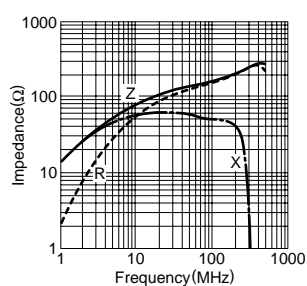
TYPICAL ELECTRICAL CHARACTERISTICS

Z, R, X vs. FREQUENCY CHARACTERISTICS

HF70RU12X15X7.3



HF70RU16X28X9



HF70RU26X29X13

