

# 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.

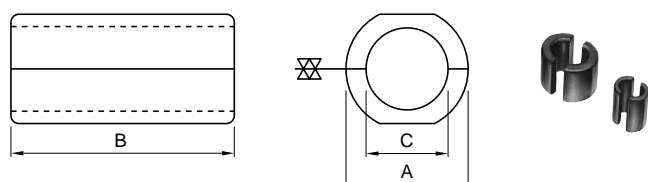
### APPLICATIONS

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

### MATERIAL CHARACTERISTICS

Material	Initial permeability $\mu_i$	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

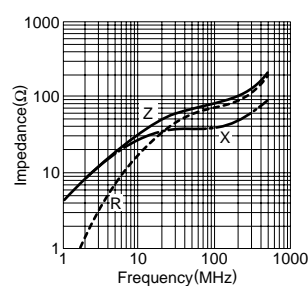


Part No.	Dimensions(mm)			Impedance Z ( $\Omega$ )[at 23°C]		
	A	B	C	10MHz typ.	100MHz typ.	100MHz min.
HF70RU12X15X7.3	12	15	7.3	37	82	57
HF70RU16X28X9	16	28	9	98	195	135
HF70RU26X29X13	26	29	13	91	245	170

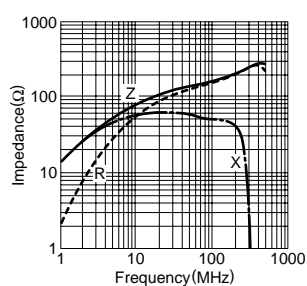
### TYPICAL ELECTRICAL CHARACTERISTICS

#### Z, R, X vs. FREQUENCY CHARACTERISTICS

##### HF70RU12X15X7.3



##### HF70RU16X28X9



##### HF70RU26X29X13

