

# ESD-SR Snap-on Cores for Round Cables

## Overview

The KEMET ESD-SR series snap-on toroidal cores are designed for use on round cables. There are various Manganese Zinc (Mn-Zn) and Nickel Zinc (Ni-Zn) options available, which can be used to target specific frequency ranges. EMI cores are a type of passive component that help address issues related to noise or electromagnetic interference (EMI) in circuits or systems.

## Features

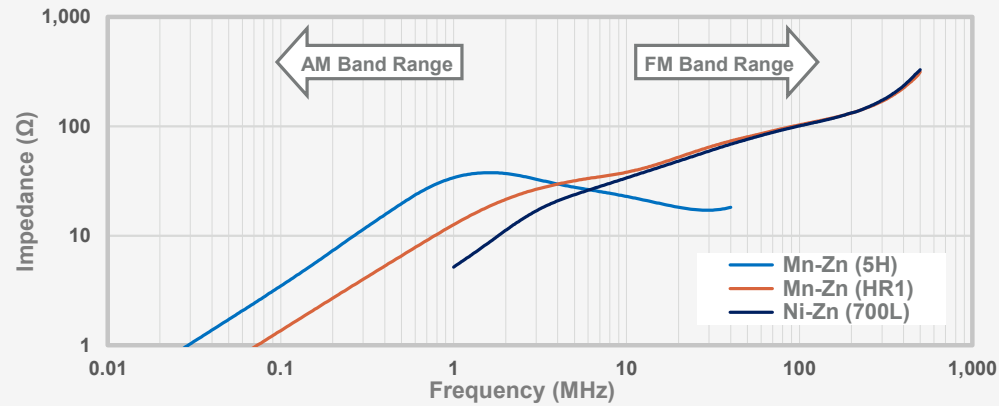
- Mn-Zn  $\leq 10$  MHz (AM band range) and Mn-Zn or Ni-Zn  $\leq 500$  MHz (FM band range) options available
- Split construction
- Easy to install through its snap-on mechanism
- Quick solution for post-cable assembly noise issue
- Operating temperature range from  $-25^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$
- UL94 V-0 flame retardant rated case

## Applications

- White goods
- Air conditioners
- Power conditioners
- Industrial equipment
- Medical equipment
- Adapters
- Audio-visual equipment
- Business multifunction printers

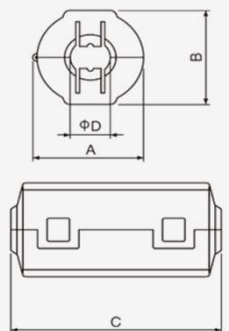
## Core Material and Effective Frequency Range

Representative example, measured with same dimension toroidal core



## Lineup

Type	Material	Dimensions (mm)	A/B φD		
			C	Outer Diameter Range	Inner Diameter Range
Round Cables, Snap-on	Mn-Zn (5H)	14 - 64 mm	6 - 35.5 mm	18.5 - 23.5 mm	
		14.2 - 33 mm			
	Mn-Zn (HR1)	5 - 13 mm		21 - 39 mm	
		14.2 - 33 mm			
	Ni-Zn (700L)	5 - 13 mm		21 - 39 mm	
		14.2 - 33 mm			



[Datasheet Link](#)