



Soft Ferrite

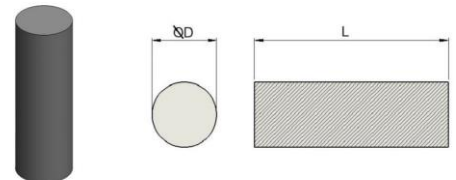
Sintered Soft Ferrite – Rods

Soft Ferrite rods are used extensively in high energy storage designs, inductive components, antennae and RFID applications. They can also be used in components where temperature stability or large DC bias is required.

Please note, these rods are NOT permanent magnets.

Below is a list of standard parts. However, these rods can be quickly cut to bespoke lengths in-house.

Soft Ferrite Rods			
Part Number	D (mm)	L (mm)	Composition
RDSF 01552	5	5	Ni/Zn
RDSF 01553	5	9.5	Ni/Zn
RDSF 01610	5	13	Ni/Zn
RDSF 01538	5	20	Ni/Zn
RDSF 01554	6.35	6	Mn/Zn
RDSF 01555	6.35	12	Mn/Zn
RDSF 01999	6.35	19	Mn/Zn
RDSF 01539	6.35	25.4	Mn/Zn
RDSF 02000	8	75	Mn/Zn
RDSF 01556	9.45	9	Mn/Zn
RDSF 01557	9.45	15	Mn/Zn
RDSF 01558	9.45	25.4	Mn/Zn
RDSF 01540	9.45	41.3	Mn/Zn
RDSF 01847	9.5	97	Mn/Zn



Ni/Zn Ferrite offer Low loss Factors at medium frequencies and High suppression impedance at high frequencies
Initial Permeability (μ i) 220

Mn/Zn Ferrite is used for a range of high and low flux density inductive designs and frequencies
Initial Permeability (μ i) 2000