

## Ferrite Toroidal Core

### Features

- High performance
- For use with transformers, inductors, chokes and more
- Minimal effect on transmission waveforms



### Technical Specification

Art. No.	Type	Frequency	Inner Diameter	Outer Diameter	Core Size	Inductance AL
30133295	RND 165-00195	1 kHz	23 mm	35.6 mm	T35.6/23/15	0.17 $\mu$ H
30133296	RND 165-00196	1 kHz	13.8 mm	22.5 mm	T22.5/13.8/7	0.087 $\mu$ H
30133297	RND 165-00197	1 kHz	8.7 mm	14 mm	T14/8.7/5	0.06 $\mu$ H
30133298	RND 165-00198	1 kHz	13.2 mm	21 mm	T21/.13.2/6.4	0.47 $\mu$ H
30133299	RND 165-00199	1 kHz	36 mm	61.4 mm	T61.4/36/12.8	1.08 $\mu$ H
30133300	RND 165-00200	1 kHz	7.9 mm	12.7 mm	T12.7/7.9/6.4	0.57 $\mu$ H
30133302	RND 165-00202	1 kHz	23 mm	35.6 mm	T35.6/23/12.7	0.9 $\mu$ H
30133303	RND 165-00203	1 kHz	23 mm	35.6 mm	T35.6/23/15.4	2.1 $\mu$ H
30133304	RND 165-00204	1 kHz	15 mm	25 mm	T25/15/10	1.3 $\mu$ H
30133305	RND 165-00205	1 kHz	9 mm	16 mm	T16/9/6	0.9 $\mu$ H
30133306	RND 165-00206	1 kHz	6 mm	10 mm	T10/6/4	0.74 $\mu$ H
30133307	RND 165-00207	1 kHz	23 mm	35.6 mm	T35.6/23/12.7	2.1 $\mu$ H
30133308	RND 165-00208	1 kHz	19 mm	29 mm	T29/19/7.5	1.27 $\mu$ H
30133310	RND 165-00210	1 kHz	10 mm	20 mm	T20/10/8	5.3 $\mu$ H
30133312	RND 165-00212	1 kHz	25 mm	15 mm	T25/15/10	7.1 $\mu$ H
30133313	RND 165-00213	1 kHz	23 mm	36 mm	T36/23/15	9 $\mu$ H
30133314	RND 165-00214	1 kHz	9.6 mm	16 mm	T16/9.6/6.3	3.7 $\mu$ H
30133316	RND 165-00216	1 kHz	3 mm	6 mm	T6/3/3	4 $\mu$ H
30133317	RND 165-00217	1 kHz	6 mm	10 mm	T10/6/5	5.1 $\mu$ H
30133293	RND 165-00193	10 kHz	31.8 mm	50.8 mm	T51/32/25	160 nH
30133294	RND 165-00194	10 kHz	14.5 mm	26.9 mm	T27/15/11	93 nH
30133315	RND 165-00215	10 kHz	6 mm	10 mm	T10/6/4	2.8 $\mu$ H
30133309	RND 165-00209	100 kHz	7.9 mm	12.7 mm	T12.7/7.9/12.7	2.4 $\mu$ H
30133311	RND 165-00211	100 kHz	8.5 mm	18 mm	T/18/8.5/7	4.8 $\mu$ H
30133318	RND 165-00218	100 kHz	7.3 mm	12.7 mm	T12.7/7.3/4.7	5.2 $\mu$ H
30133301	RND 165-00201	100 MHz	19 mm	29 mm	T29/19/7.5	0.6 $\mu$ H

## Ferrite Core

### Features

- Cylindrical EMI suppression core
- High performance and compact
- Easy to install



## Technical Specification

Art. No.	Type	For Cable Size	Outer Length	Outer Diameter
30133279	RND 165-00179	1.5 mm	4 mm	5 mm
30133280	RND 165-00180	2 mm	5 mm	4 mm
30133281	RND 165-00181	4.5 mm	9.5 mm	9.3 mm
30092181	RND 165-00029	4.75 mm	9.5 mm	9.5 mm
30092177	RND 165-00025	5 mm	15 mm	9.5 mm
30133282	RND 165-00182	5 mm	5 mm	10 mm
30133283	RND 165-00183	5 mm	8 mm	9 mm
30133284	RND 165-00184	5.5 mm	20 mm	10.5 mm
30133285	RND 165-00185	5.6 mm	30 mm	12 mm
30092173	RND 165-00021	6.35 mm	28.5 mm	14.2 mm
30092170	RND 165-00018	7 mm	28.5 mm	14.2 mm
30133286	RND 165-00186	7 mm	15 mm	12 mm
30133287	RND 165-00187	7 mm	28 mm	16 mm
30092172	RND 165-00020	8 mm	28.5 mm	14.2 mm
30092179	RND 165-00027	8 mm	28.5 mm	16 mm
30092180	RND 165-00028	9.5 mm	28.5 mm	17.5 mm
30092178	RND 165-00026	10 mm	11.5 mm	19 mm
30092169	RND 165-00017	10.7 mm	28.5 mm	17.5 mm
30092171	RND 165-00019	13 mm	28.5 mm	26 mm
30092175	RND 165-00023	15 mm	12 mm	25 mm
30133288	RND 165-00188	16 mm	20 mm	28 mm

## Split Ferrite

### Features

- Excellent EMI suppression
- Light weight
- For retrofit and post-assembly operations



## Technical Specification

Art. No.	Type	For Cable Size	Shape	Impedance
30092162	RND 165-00010	3.5 mm	Round	95 $\Omega$
30092150	RND 165-00008	5 mm	Round	145 $\Omega$
30092146	RND 165-00004	5.2 mm	Round	110 $\Omega$
30092143	RND 165-00001	6.5 mm	Rectangular	220 $\Omega$
30092164	RND 165-00012	6.5 mm	Rectangular	246 $\Omega$
30092167	RND 165-00015	7.5 mm	Round	245 $\Omega$
30133291	RND 165-00191	8.1 mm	Cylindrical	45 $\Omega$
30092166	RND 165-00014	9.3 mm	Round	246 $\Omega$
30092151	RND 165-00009	10 mm	Rectangular	180 $\Omega$
30092165	RND 165-00013	10 mm	Rectangular	270 $\Omega$
30133292	RND 165-00192	10 mm	Rectangular	145 $\Omega$
30133289	RND 165-00189	11.5 mm	Cylindrical	55 $\Omega$
30092144	RND 165-00002	13 mm	Round	130 $\Omega$

30092145	RND 165-00003	13 mm	Rectangular	190 Ω
30092163	RND 165-00011	13 mm	Rectangular	270 Ω
30133290	RND 165-00190	15 mm	Cylindrical	40 Ω

## Split Ferrite

### Features

- Excellent common mode EMI suppression on round cable assemblies
- Large core size prevents saturation during high signal surges
- The case allows a multi-core round cable to be fixed



### Technical Specification

Art. No.	Type	For Cable Size	Outer Length	Impedance
30154615	RND 165-00229	4 mm	25.2 mm	95 Ω
30154516	RND 165-00220	5 mm	25.5 mm	75 Ω
30154618	RND 165-00232	5 mm	25.5 mm	75 Ω
30154623	RND 165-00237	5 mm	25.5 mm	75 Ω
30154520	RND 165-00224	7 mm	30 mm	100 Ω
30154521	RND 165-00225	7 mm	30 mm	100 Ω
30154620	RND 165-00234	7 mm	30 mm	100 Ω
30154621	RND 165-00235	7 mm	22 mm	45 Ω
30154619	RND 165-00233	8 mm	32.6 mm	150 Ω
30154616	RND 165-00230	8.1 mm	23 mm	105 Ω
30154612	RND 165-00226	9 mm	35 mm	75 Ω
30154614	RND 165-00228	9 mm	35 mm	75 Ω
30154624	RND 165-00238	9 mm	35 mm	75 Ω
30154617	RND 165-00231	9.3 mm	41.8 mm	75 Ω
30154517	RND 165-00221	10.2 mm	28.5 mm	55 Ω
30154518	RND 165-00222	11 mm	36 mm	105 Ω
30154519	RND 165-00223	11 mm	36 mm	105 Ω
30154625	RND 165-00239	11 mm	36 mm	105 Ω
30154515	RND 165-00219	13 mm	39.5 mm	95 Ω
30154626	RND 165-00240	16 mm	50 mm	105 Ω
30154622	RND 165-00236	27 mm	58.3 mm	50 Ω