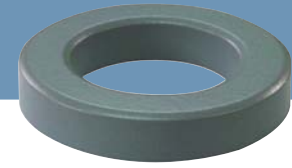


# OD 358

ID 22.36mm  
HT 10.46mm



## » Core dimensions and Physical specifications

Before Coating			After Coating			Physical specifications			
OD, max	ID, min	HT, max	OD, max	ID, min	HT, max	Cross Section (Ae)	Path Length (le)	Window Area (Wa)	Volume (V)
35.81mm	22.36mm	10.46mm	36.7mm	21.5mm	11.28mm	0.678cm <sup>2</sup>	8.98cm	3.63cm <sup>2</sup>	6.0884cm <sup>3</sup>
1.41in	0.88in	0.412in	1.445in	0.846in	0.444in	0.105in <sup>2</sup>	3.535in	716000cmil	0.372in <sup>3</sup>

## » Core Part Number

Permeability ( $\mu$ )	$A_L$ (nH/N <sup>2</sup> )	Part Number				DC Resistance (Rdc) per Inductance ( $\Omega$ /mH)
		MPP	High Flux	Sendust	SFlux	
26	24	OR358M026	OR358H026	OR358S026	-	0.1539
60	56	OR358M060	OR358H060	OR358S060	OR358F060	0.0667
75	70	-	-	OR358S075	-	0.0533
90	84	-	-	OR358S090	OR358F090	0.0444
125	117	OR358M125	OR358H125	OR358S125	-	0.0320
147	138	OR358M147	OR358H147	-	-	0.0272
160	150	OR358M160	OR358H160	-	-	0.0250
173	162	OR358M173	-	-	-	0.0231
200	-	-	-	-	-	0.0200

## » Winding Information

AWG wire		Single layer		AWG wire		Single layer		AWG wire		Single layer	
No.	Dia.(cm)	Turns	Rdc, $\Omega$	No.	Dia.(cm)	Turns	Rdc, $\Omega$	No.	Dia.(cm)	Turns	Rdc, $\Omega$
8	0.334	17	0.0013	14	0.171	36	0.0112	20	0.088	73	0.0915
9	0.298	19	0.0019	15	0.153	41	0.0162	21	0.079	82	0.1300
10	0.267	22	0.0027	16	0.137	46	0.0229	22	0.070	93	0.1870
11	0.238	25	0.0039	17	0.122	52	0.0325	23	0.063	103	0.2590
12	0.213	28	0.0055	18	0.110	58	0.0458	24	0.057	116	0.3680
13	0.190	32	0.0079	19	0.098	65	0.0648	25	0.051	130	0.5210

## » $A_L$ value vs. DC Bias characteristics

