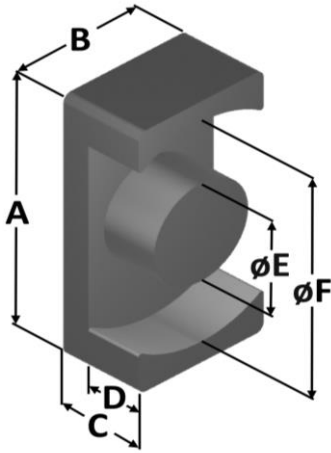


# 26.5 mm/1.043 in. EQ-Core



**Typical Part Number:** EQ FS - 265 190 077 - 026

Geometry → EQ  
 Material Type (FS, HF, MS) → FS  
 "A" Dimension in XX.Xmm → 265  
 "B" Dimension in XX.Xmm → 190  
 "C" Dimension in XX.Xmm → 077  
 Reference Permeability → 026

## Physical Dimensions

<b>A</b>	26.5 ± 0.30 mm	1.043 ± 0.012 in
<b>B</b>	19 ± 0.20 mm	0.748 ± 0.008 in
<b>C</b>	7.7 ± 0.20 mm	0.303 ± 0.008 in
<b>D</b>	4.1 mm (min.)	0.161 in (min.)
<b>E</b>	12 ± 0.20 mm	0.472 ± 0.008 in
<b>F</b>	22.3 mm (min.)	0.878 in (min.)

## Magnetic Dimensions

<b>Ae</b>	Effective Magnetic Cross Section	1.20 cm <sup>2</sup>
<b>Le</b>	Effective Magnetic Path Length	4.51 cm
<b>Ve</b>	Effective Core Volume	5.40 cm <sup>3</sup>
<b>WA</b>	Minimum Effective Window Area	0.414 cm <sup>2</sup>
<b>SA</b>	Surface Area	23.0 cm <sup>2</sup>
<b>MLT</b>	Mean Length Per Turn	5.39 cm

## Permeability

## Part Numbers

Reference Permeability	A <sub>l</sub> Value (nH/N <sup>2</sup> )	MS Sendust	Hi-Flux™ Nickel Iron	FluxSan™ Silicon Iron
26μ	87	EQMS-265190077-026	EQHF-265190077-026	EQFS-265190077-026
40μ	133	EQMS-265190077-040	EQHF-265190077-040	EQFS-265190077-040
60μ	200	EQMS-265190077-060	EQHF-265190077-060	EQFS-265190077-060
Approximate Unit Weight:		14 g/half	18 g/half	17 g/half

## Test Conditions

<b>Winding</b>	N=15, #26 AWG
<b>Frequency</b>	10 kHz
<b>Voltage</b>	0.080 V
<b>A<sub>l</sub> Tolerance</b>	±12%

## Coating/Packaging Information

<b>Coating Type</b>	None
<b>Voltage Breakdown</b>	N/A
<b>Limit</b>	N/A
<b>Package Quantity</b>	800 Pcs/Box

## Winding Table

Wire Size	AWG	18	20	22	24	26	28	30	32	34	36	38
	mm	1.000	0.800	0.630	0.500	0.400	0.315	0.250	0.200	0.160	0.125	0.100
Full Winding	Turns	20	31	47	73	114	176	273	422	653	1,010	1,564
	Rdc(Ω)	22.5 m	55.6 m	134.0 m	331.0 m	822.0 m	2.0	5.0	12.2	30.1	74.1	182.5