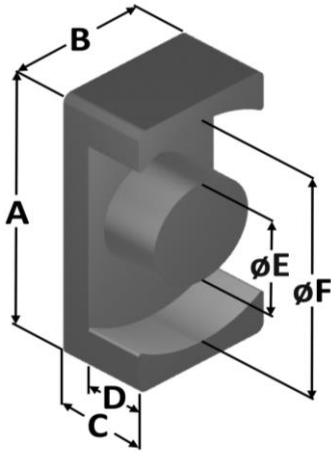


26.5 mm/1.043 in. EQ-Core



Typical Part Number: EQ FS - 265 190 135 - 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 → 135
 Reference Permeability → 026

Physical Dimensions

A	26.5 ± 0.30 mm	1.043 ± 0.012 in
B	19 ± 0.20 mm	0.748 ± 0.008 in
C	13.5 ± 0.20 mm	0.531 ± 0.008 in
D	9.9 mm (min.)	0.390 in (min.)
E	12 ± 0.20 mm	0.472 ± 0.008 in
F	22.3 mm (min.)	0.878 in (min.)

Magnetic Dimensions

Ae	Effective Magnetic Cross Section	1.20 cm ²
Le	Effective Magnetic Path Length	6.83 cm
Ve	Effective Core Volume	8.18 cm ³
WA	Minimum Effective Window Area	1.000 cm ²
SA	Surface Area	31.2 cm ²
MLT	Mean Length Per Turn	5.39 cm

Permeability

Part Numbers

Reference Permeability	A _L Value (nH/N ²)	MS Sendust	Hi-Flux™ Nickel Iron	FluxSan™ Silicon Iron
26μ	57	EQMS-265190135-026	EQHF-265190135-026	EQFS-265190135-026
40μ	88	EQMS-265190135-040	EQHF-265190135-040	EQFS-265190135-040
60μ	132	EQMS-265190135-060	EQHF-265190135-060	EQFS-265190135-060
Approximate Unit Weight:		21 g/half	27 g/half	26 g/half

Test Conditions

Winding	N=20, #20 AWG
Frequency	10 kHz
Voltage	0.11 V
A_L Tolerance	±12%

Coating/Packaging Information

Coating Type	None
Voltage Breakdown	N/A
Limit	N/A
Package Quantity	480 Pcs/Box

Winding Table

Wire Size	AWG	12	14	16	18	20	22	24	26	28	30	32
	mm	2.000	1.600	1.250	1.000	0.800	0.630	0.500	0.400	0.315	0.250	0.200
Full Winding	Turns	13	20	31	48	74	115	177	275	425	658	1,018
	Rdc(Ω)	3.6 m	8.9 m	22.0 m	54.1 m	132.7 m	327.9 m	802.5 m	2.0	4.9	12.0	29.5