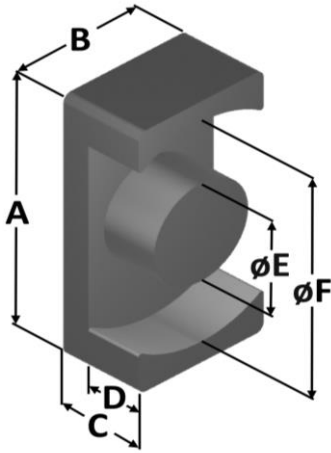


26.5 mm/1.043 in. EQ-Core



Typical Part Number: EQ FS - 265 190 084 - 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 → 084
 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	8.4 ± 0.20 mm	0.331 ± 0.008 in
D	4.8 mm (min.)	0.189 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	4.79 cm
Ve	Effective Core Volume	5.74 cm ³
WA	Minimum Effective Window Area	0.485 cm ²
SA	Surface Area	24.0 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	82	EQMS-265190084-026	EQHF-265190084-026	EQFS-265190084-026
40μ	126	EQMS-265190084-040	EQHF-265190084-040	EQFS-265190084-040
60μ	188	EQMS-265190084-060	EQHF-265190084-060	EQFS-265190084-060
Approximate Unit Weight:		15 g/half	19 g/half	18 g/half

Test Conditions

Winding	N=20, #26 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	720 Pcs/Box

Winding Table

Wire Size	AWG	16	18	20	22	24	26	28	30	32	34	36
	mm	1.250	1.000	0.800	0.630	0.500	0.400	0.315	0.250	0.200	0.160	0.125
Full Winding	Turns	15	23	36	56	86	133	206	319	494	764	1,183
	Rdc(Ω)	10.6 m	25.9 m	64.5 m	159.7 m	389.9 m	959.0 m	2.4	5.8	14.3	35.2	86.8