Fair-Rite Products Corp.
Your Signal Solution®

E Cores (9478110002)

Part Number: 9478110002

78 E CORE SET

The E core geometry offers an economical design approach for inductive applications in a variety of power designs.

E cores can be supplied with the center post gapped to a mechanical dimension or an A_L value.

Catalog Drawing
3D Model

Weight indicated is per pair or set.

Weight: 32 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	32.1	±0.60	1.264	_
B	16.1	±0.30	0.634	_
C	9.15	±0.35	0.36	_
D	11.5	±0.30	0.453	_
E	22.7	min	0.894	min
F	9.2	±0.30	0.362	_

Chart Legend
Σl/A : Core Constant, l_e : Effective Path Length, A_e : Effective Cross-Sectional Area, V_e : Effective Core Volume
A_L : Inductance Factor
Explanation of Part Numbers: Digits 1 & 2 = product class and 3 & 4 = material grade.

Electrical Properties	
A_L(nH)	2600 ±25%
Ae(cm^2)	0.821
Σl/A(cm^{-1})	9.07
l_e(cm)	7.45
V_e(cm^3)	6.11
A_{min}(cm^2)	0.79

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