

Part Number: 6278230121

78 RM CORE SET

RM (Rectangular Modulus) cores allow better shielding than E type geometries while also providing easier winding accessibility and better power dissipation than a pot core configuration. Fair-Rite's standard RM cores all have a solid center post and standard height, low profile and alternate materials are available upon request.

RM 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: 13 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	22.75	± 0.45	0.896	—
B	8.2	± 0.10	0.323	—
C	10.8	± 0.20	0.425	—
D	5.5	± 0.15	0.217	—
E	17.3	± 0.30	0.681	—
F	8.4	± 0.15	0.331	—
G	9.8	min	0.386	min
J	19.1	± 0.40	0.752	—

Chart Legend

$\Sigma l/A$: 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)	3000 ±25%
A_e (cm ²)	0.6

Electrical Properties	
$\Sigma l/A(\text{cm}^{-1})$	6.7
$l_e(\text{cm})$	4.03
$V_e(\text{cm}^3)$	2.419
$A_{\text{min}}(\text{cm}^2)$	0.554

A_L value is measured at 1 kHz, $B < 10$ gauss.

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