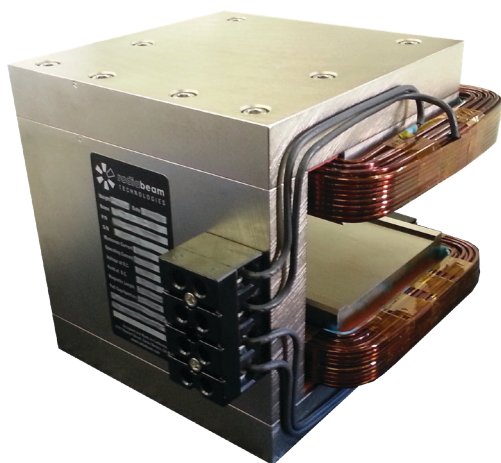


Dipole

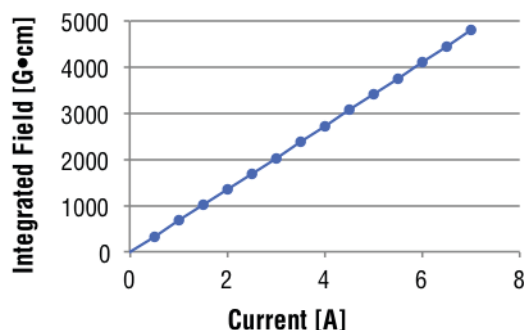
EMD-01-177-630



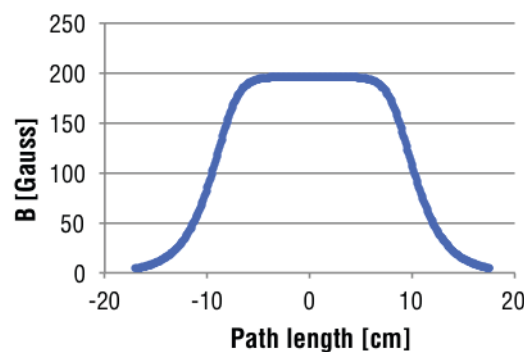
The EMD-01-177-630 dipole is a compact C-frame dipole with excellent linearity. It has excellent field quality despite its large gap-to-length ratio, making it suitable for low-energy and small emittance beams.

Integrated field.....	4,000 G·cm
Field strength.....	200 G
Magnetic length	19.8 cm
Current.....	5.55 A
Voltage.....	2.3 V
Power.....	13 W
Calibration.....	680 G·cm/A
Number of turns.....	72
Gap	4.5 cm
Pole length.....	16 cm
Maximum length.....	21 cm
Height	16.7 cm
Width	18.4 cm
Weight.....	28 kG

MAGNETIZATION



LONGITUDINAL PROFILE (I = 5.55 A)



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