



HVD500/60 SERIES

PRECISION HIGH VOLTAGE DIVIDER

500 kV DC | 0.2% ACCURACY

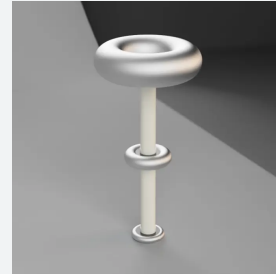
HIGH VOLTAGE SOLUTIONS

HVD500/60 | 01

PRECISION MEASUREMENT

The HVD500/60 is a precision divider for measuring DC voltages up to 500 kV DC. Its high input impedance minimizes circuit loading, while the toroidal high-voltage termination supports corona-free operation at rated voltage.

Designed for use with high-impedance digital, differential, or data-acquisition instrumentation.



500 kV DC

MAXIMUM INPUT

10000 MOhms

INPUT IMPEDANCE

100 kOhms

OUTPUT IMPEDANCE

5 V (1 V = 100 kV)

OUTPUT SCALING

SPECIFICATIONS

Rated input voltage	500 kV DC
Input impedance	10000 MOhms
Output impedance	100 kOhms
Output tap	5 V (1 V = 100 kV)
Accuracy	0.2%
Temperature coefficient	75 ppm/°C
S version	HVD500S/60; 25 ppm/°C temperature coefficient
Overall height	60 in
Maximum width	30 in
Input termination	30 in toroid
Output connection	BNC connector; 20 ft RG cable

ORDERING GUIDE

STANDARD

HVD500/60

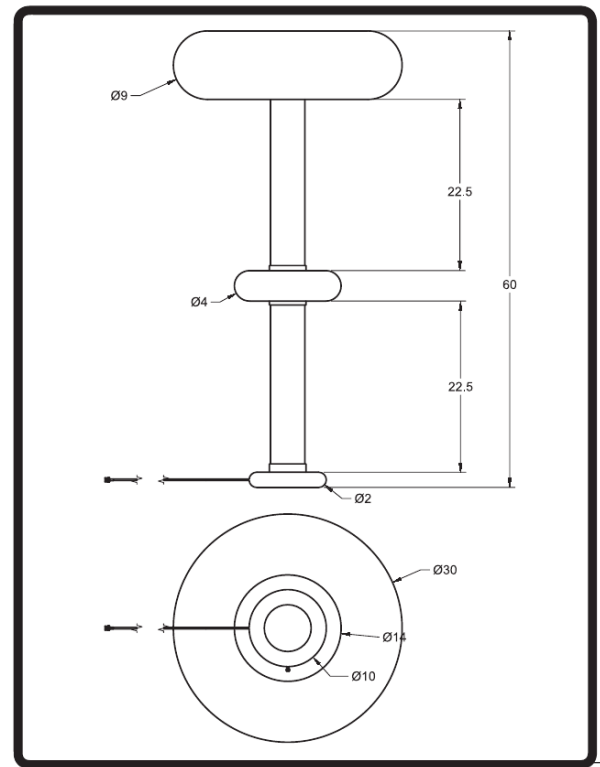
75 ppm/°C

S VERSION

HVD500S/60

25 ppm/°C

MECHANICAL DRAWING



HIGH VOLTAGE SOLUTIONS

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Get in touch

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OPTIONAL BASE CONFIGURATION

The optional wheeled base provides a stable, mobile installation platform. Confirm floor clearances, handling requirements, and the final base configuration with Gamma before ordering.

