



HVD100 SERIES

PRECISION HIGH VOLTAGE DIVIDER

100 kV DC | 0.2% ACCURACY

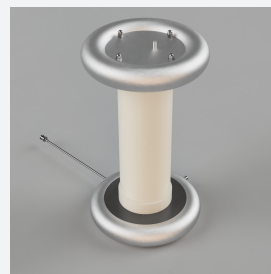
HIGH VOLTAGE SOLUTIONS

HVD100 | 01

PRECISION MEASUREMENT

The HVD100 is a precision divider for measuring DC voltages up to 100 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.



100 kV DC

MAXIMUM INPUT

2000 MOhms

INPUT IMPEDANCE

20 kOhms

OUTPUT IMPEDANCE

1 V (1 V = 100 kV)

OUTPUT SCALING

SPECIFICATIONS

Rated input voltage	100 kV DC
Input impedance	2000 MOhms
Output impedance	20 kOhms
Output tap	1 V (1 V = 100 kV)
Accuracy	0.2%
Temperature coefficient	75 ppm/°C
S version	HVD100S; 25 ppm/°C temperature coefficient
Overall height	17.5 in
Maximum width	10.12 in
Input termination	5.6 in toroid
Output connection	BNC connector

ORDERING GUIDE

STANDARD

HVD100

75 ppm/°C

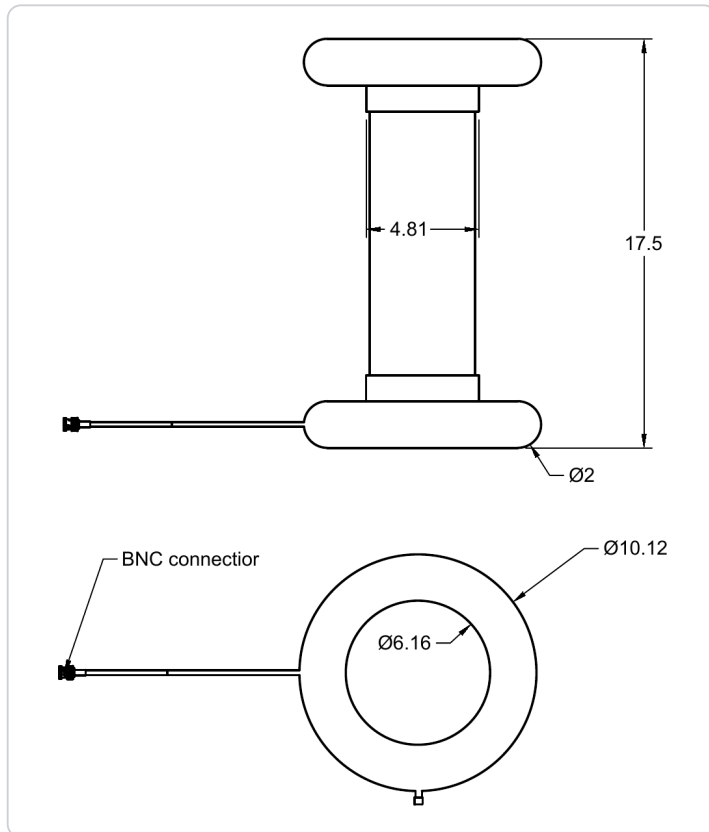
S VERSION

HVD100S

25 ppm/°C

Electrical ratings shown follow the standard HVD family scaling. Confirm the final HVD100 configuration with Gamma before ordering.

MECHANICAL DRAWING



HIGH VOLTAGE SOLUTIONS

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Get in touch

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