



HVD400/48 SERIES

PRECISION HIGH VOLTAGE DIVIDER

400 kV DC | 0.2% ACCURACY

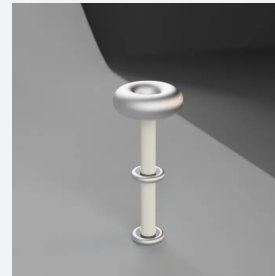
HIGH VOLTAGE SOLUTIONS

HVD400/48 | 01

PRECISION MEASUREMENT

The HVD400/48 is a precision divider for measuring DC voltages up to 400 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.



400 kV DC

MAXIMUM INPUT

8000 MOhms

INPUT IMPEDANCE

80 kOhms

OUTPUT IMPEDANCE

4 V (1 V = 100 kV)

OUTPUT SCALING

SPECIFICATIONS

Rated input voltage	400 kV DC
Input impedance	8000 MOhms
Output impedance	80 kOhms
Output tap	4 V (1 V = 100 kV)
Accuracy	0.2%
Temperature coefficient	75 ppm/°C
S version	HVD400S/48; 25 ppm/°C temperature coefficient
Overall height	48 in
Maximum width	20 in
Input termination	20 in toroid
Output connection	BNC connector; 20 ft RG cable

ORDERING GUIDE

STANDARD

HVD400/48

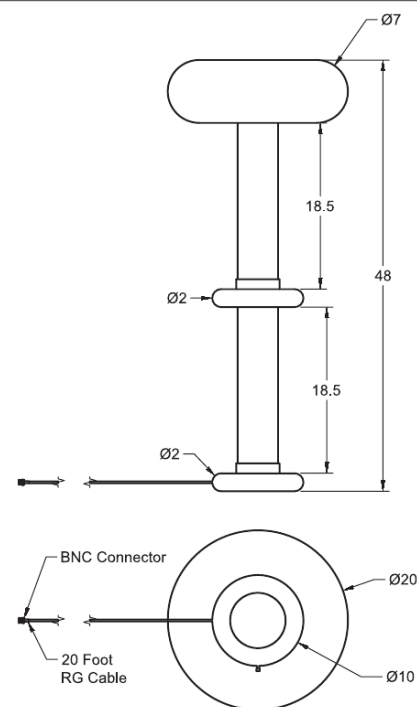
75 ppm/°C

S VERSION

HVD400S/48

25 ppm/°C

MECHANICAL DRAWING



HIGH VOLTAGE SOLUTIONS

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Get in touch

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