



HVD250/20 SERIES

PRECISION HIGH VOLTAGE DIVIDER

250 kV DC | 0.2% ACCURACY

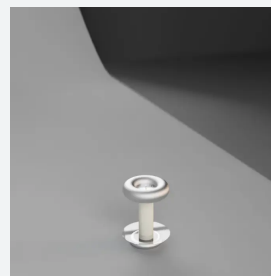
HIGH VOLTAGE SOLUTIONS

HVD250/20 | 01

PRECISION MEASUREMENT

The HVD250/20 is a precision divider for measuring DC voltages up to 250 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.



250 kV DC

MAXIMUM INPUT

5000 MOhms

INPUT IMPEDANCE

50 kOhms

OUTPUT IMPEDANCE

2.5 V (1 V = 100 kV)

OUTPUT SCALING

SPECIFICATIONS

Rated input voltage	250 kV DC
Input impedance	5000 MOhms
Output impedance	50 kOhms
Output tap	2.5 V (1 V = 100 kV)
Accuracy	0.2%
Temperature coefficient	75 ppm/°C
S version	HVD250S/20; 25 ppm/°C temperature coefficient
Overall height	20 in
Maximum width	14.7 in
Input termination	14 in toroid
Output connection	BNC connector; 20 ft RG cable

ORDERING GUIDE

STANDARD

HVD250/20

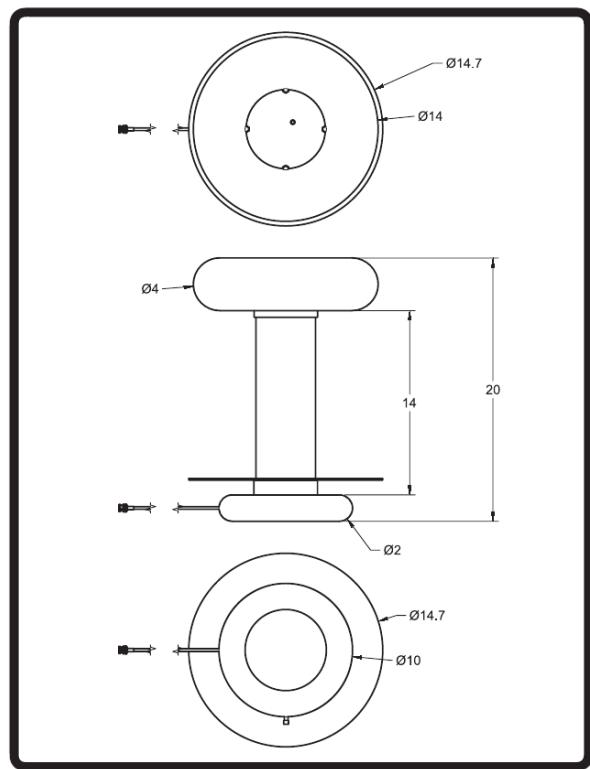
75 ppm/°C

S VERSION

HVD250S/20

25 ppm/°C

MECHANICAL DRAWING



HIGH VOLTAGE SOLUTIONS

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Get in touch

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