

Two white rectangular signal conditioners are shown against a blue background. Each unit has a green Caddock logo and the text 'HVDS-A50M-050-05 0242' printed on its top surface. They feature multiple pins on the bottom edge for connection.

Part Number	V _{max} Continuous Operating Voltage (VDC)	Voltage Division (RT : R2)	Resistance			Ratio Tolerance (RT : R2)	Ratio T.C. (RT : R2)	Ratio V.C. (RT : R2)	Fig.
			R1	R2	RT = R1 + R2				
USVD2 - B1M - 010 - 02	450	100 : 1	990 K	10 K	1 Meg	0.01%	2 ppm/°C	0.05 ppm/V	1
USVD2 - B1M - 025 - 02	450	100 : 1	990 K	10 K	1 Meg	0.025%	2 ppm/°C	0.05 ppm/V	1
USVD2 - B2M - 010 - 02	650	100 : 1	1.98 Meg	20 K	2 Meg	0.01%	2 ppm/°C	0.02 ppm/V	1
USVD2 - B2M - 025 - 02	650	100 : 1	1.98 Meg	20 K	2 Meg	0.025%	2 ppm/°C	0.02 ppm/V	1
USVD2 - A10M - 010 - 02	1400	1,000 : 1	9.99 Meg	10 K	10 Meg	0.01%	2 ppm/°C	0.02 ppm/V	1
USVD2 - A10M - 025 - 02	1400	1,000 : 1	9.99 Meg	10 K	10 Meg	0.025%	2 ppm/°C	0.02 ppm/V	1
USVD2 - B10M - 010 - 02	1400	100 : 1	9.9 Meg	100 K	10 Meg	0.01%	2 ppm/°C	0.02 ppm/V	1
USVD2 - B10M - 025 - 02	1400	100 : 1	9.9 Meg	100 K	10 Meg	0.025%	2 ppm/°C	0.02 ppm/V	1
USVD2 - A20M - 010 - 02	2000	1,000 : 1	19.98 Meg	20 K	20 Meg	0.01%	2 ppm/°C	0.02 ppm/V	1
USVD2 - A20M - 025 - 02	2000	1,000 : 1	19.98 Meg	20 K	20 Meg	0.025%	2 ppm/°C	0.02 ppm/V	1
USVD2 - B20M - 010 - 02	2000	100 : 1	19.8 Meg	200 K	20 Meg	0.01%	2 ppm/°C	0.02 ppm/V	1
USVD2 - B20M - 025 - 02	2000	100 : 1	19.8 Meg	200 K	20 Meg	0.025%	2 ppm/°C	0.02 ppm/V	1
HVD5 - A10M - 050 - 05	1500	1,000 : 1	9.99 Meg	10 K	10 Meg	0.05%	5 ppm/°C	0.02 ppm/V	2
HVD5 - B10M - 050 - 05	1500	100 : 1	9.9 Meg	100 K	10 Meg	0.05%	5 ppm/°C	0.02 ppm/V	2
HVD5 - A20M - 050 - 05	2500	1,000 : 1	19.98 Meg	20 K	20 Meg	0.05%	5 ppm/°C	0.02 ppm/V	2
HVD5 - B20M - 050 - 05	2500	100 : 1	19.8 Meg	200 K	20 Meg	0.05%	5 ppm/°C	0.02 ppm/V	2
HVD5 - A50M - 050 - 05	5000	1,000 : 1	49.95 Meg	50 K	50 Meg	0.05%	5 ppm/°C	0.04 ppm/V	2
HVD5 - B50M - 050 - 05	5000	100 : 1	49.5 Meg	500 K	50 Meg	0.05%	5 ppm/°C	0.04 ppm/V	2

Operating Temperature: -40°C to +85°C

Voltage Dividers: For high quantity applications (greater than 1000 per year) these voltage dividers can be produced with custom voltage division ratios and ratio specifications that optimize the performance and the cost for your application.

