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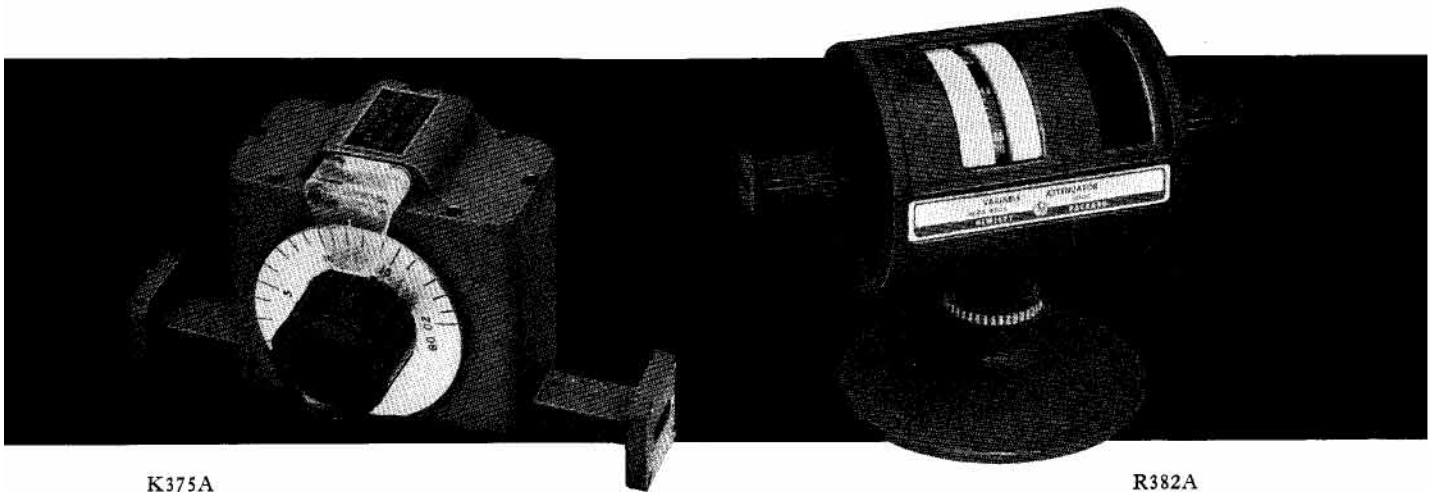
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hp 370/375/380/382A WAVEGUIDE ATTENUATORS



K375A

R382A

hp 370 Fixed Waveguide Attenuators

These attenuators are waveguide sections providing fixed amounts of attenuation. They are useful in reducing power flowing in a waveguide system, reducing reflection of loads or sources, or isolating parts of a waveguide system. Model 370 handles power to a 1 kw peak, 1 watt average. Attenuation of 3, 6, 10 and 20 db is offered, accurate to within ± 0.2 db at the calibration frequency.

hp 375A Variable Flap Attenuators

Variable flap attenuators provide a simple, convenient means of adjusting waveguide power level, or isolating source and load. They consist of a slotted section in which a matched resistive strip is inserted a variable amount. The degree of strip penetration determines attenuation. A dial shows average reading over the frequency band, and a dust cover with shielded braid reduces external radiation and eliminates hand capacity effects. Attenuation is variable 0 to 20 db. Dial calibration is accurate within ± 1 db from 0 to 10 db, ± 2 db from 10 to 20 db.

hp S380A Calibrated Variable Attenuator

Model S380A, for setting exact power level or measuring attenuation, consists of a waveguide section with an attenuating plate parallel to the narrow face of the waveguide. A micrometer adjustment moves the plate across the waveguide, increasing attenuation from 0 to 10 db. Maximum average power is 1 watt, peak power, 1 kilowatt; frequency range 2.60 to 3.95 KMC, insertion loss less than 0.5 db. Calibration accuracy is ± 0.3 db at 3 KMC. Calibration for other frequencies available on request. Price \$260.00.

hp 382A Broadband Attenuators

Operation of these direct-reading precision attenuators depends on mathematical law instead of resistivity of attenuating material. Accurate, stable attenuation, 0 to 50 db is insured full range, despite varying temperature and humidity. High power handling capacity, large, easily read dial. Attenuation at 0 setting less than 1 db, SWR less than 1.5, accuracy $\pm 2\%$ of reading or 0.1 db, whichever is greater.

Specifications, hp 370, 375, 382 Attenuators

-hp- Model 370*					-hp- Model 375A				-hp- Model 382A				Frequency Range KMC
Model	Calib. Freq. KMC	Power Dissipation Watts	Length (in.)	Price	Model	Power Dissipation Watts	Length (in.)	Price	Model	Capacity, Watts	Length (in.)	Price	
S370	3.0	1.0	12	\$ 75.00	S375A	1.0	14 $\frac{1}{4}$	\$120.00	G382A	15	31 $\frac{5}{8}$	\$500.00	2.60 - 3.95
G370	5.0	1.0	10 $\frac{1}{8}$	75.00	G375A	1.0	13	110.00	J382A	10	25	350.00	3.95 - 5.85
J370	7.0	1.0	7 $\frac{3}{8}$	65.00	J375A	1.0	13	100.00	H382A	10	19 $\frac{7}{8}$	350.00	5.30 - 8.2
H370	8.6	1.0	6 $\frac{3}{8}$	60.00	H375A	1.0	7 $\frac{1}{4}$	90.00	X382A	10	15 19/32	275.00	7.05 - 10.0
X370	10.0	1.0	5 $\frac{1}{4}$	55.00	X375A	0.5	7 $\frac{3}{8}$	90.00	P382A	5	12 $\frac{1}{8}$	275.00	8.2 - 12.4
P370	15.0	1.0	4 $\frac{1}{8}$	60.00	P375A	0.5	7 $\frac{1}{4}$	100.00	K382A	2	7 $\frac{3}{4}$	425.00	12.4 - 18.0
K370	22.0	0.5	3 $\frac{1}{4}$	100.00	K375A	0.5	4 $\frac{5}{8}$	140.00	R382A	1	6 $\frac{1}{2}$	450.00	18.0 - 26.5
R370	33.0	0.5	3	100.00	R375A	0.5	4 $\frac{1}{2}$	180.00					26.5 - 40.0

Maximum SWR 1.15 for all models. (*Note: Model number suffix indicates db attenuation of .370-series attenuators. Suffix "A", 3 db. Suffix "B", 6 db. Suffix "C", 10 db. Suffix "D", 20 db. Example: Model G370B is a 6 db attenuator for the 3.95 to 5.85 frequency range.)

Data subject to change without notice.