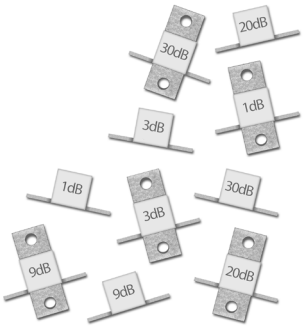
High Power Resistive Products

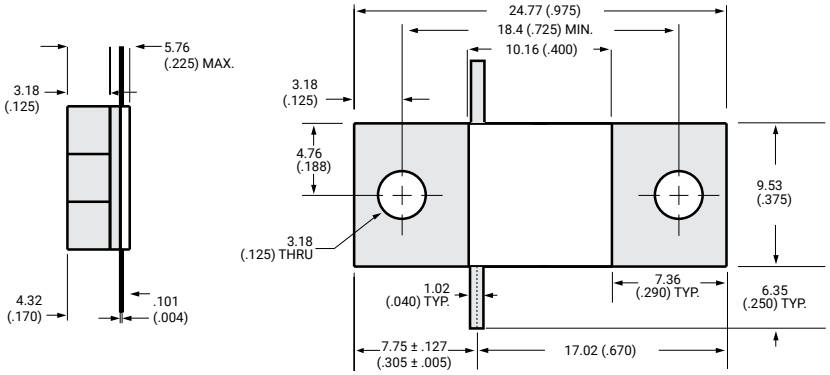
Flange Mount Attenuators - FA Series

GENERAL INFORMATION

- **Frequency Range:** DC to 3 GHz
- **Input Power:** 150 Watts (See Graph on Page 2)
- **Operating Temp Range:** -55 to +150°C
- **Attenuation Stability:** 0.0001 dB/dB/°C, Max.
- **Resistive Elements:** Tantalum Nitride
- **Substrate Material:** Aluminum Nitride
- **Leads:** 99.99% Pure Silver
- **Cover:** Alumina
- **Reliability:** MIL-PRF-55342
- **RoHS Compliant**

RoHS COMPLIANT





Dimensions are in mm (inches)

MECHANICAL TOLERANCE

± 0.010 inch unless otherwise specified

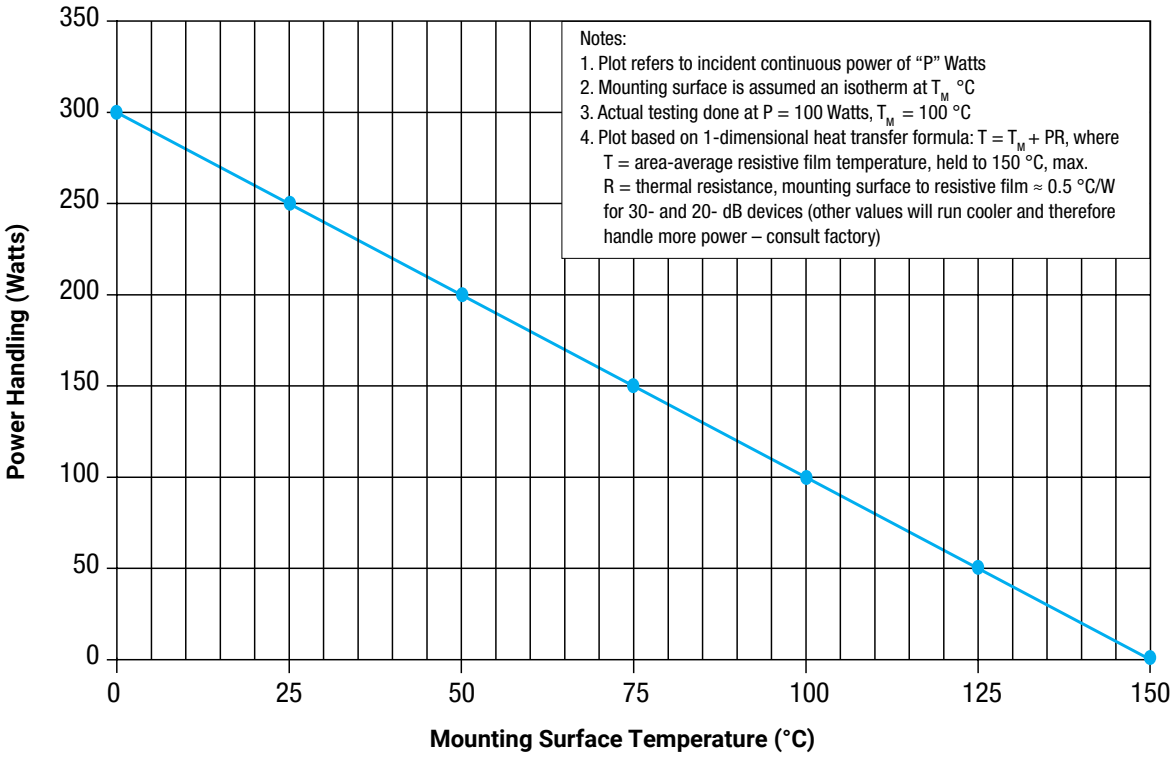
Part Number	Nominal Attenuation (dB)	Frequency Sensitivity (dB, typ.)	Nominal Deviation from Attenuation Value (dB)	VSWR (typ.)
FA10975P01DBFBK	1	± 0.25	+0.45 / -0.15	1.55:1
FA10975P1R4DBFBK	1.4	± 0.30	+0.50 / -0.30	1.50:1
FA10975P02DBFBK	2	± 0.30	+0.50 / -0.30	1.50:1
FA10975P03DBFBK	3	± 0.30	+0.60 / -0.30	1.50:1
FA10975P06DBFBK	6	± 0.45	+0.80 / -0.20	1.40:1
FA10975P09DBFBK	9	± 0.35	+0.70 / -0.20	1.30:1
FA10975P10DBFBK	10	± 0.20	+0.40 / -0.30	1.40:1
FA10975P17DBFBK	17	± 1.00	+1.00 / -1.20	1.30:1
FA10975P20DBFBK	20	± 1.00	+1.00 / -1.20	1.30:1
FA10975P30DBFBK	30	± 1.05	+1.75 / -1.20	1.25:1

HOW TO ORDER

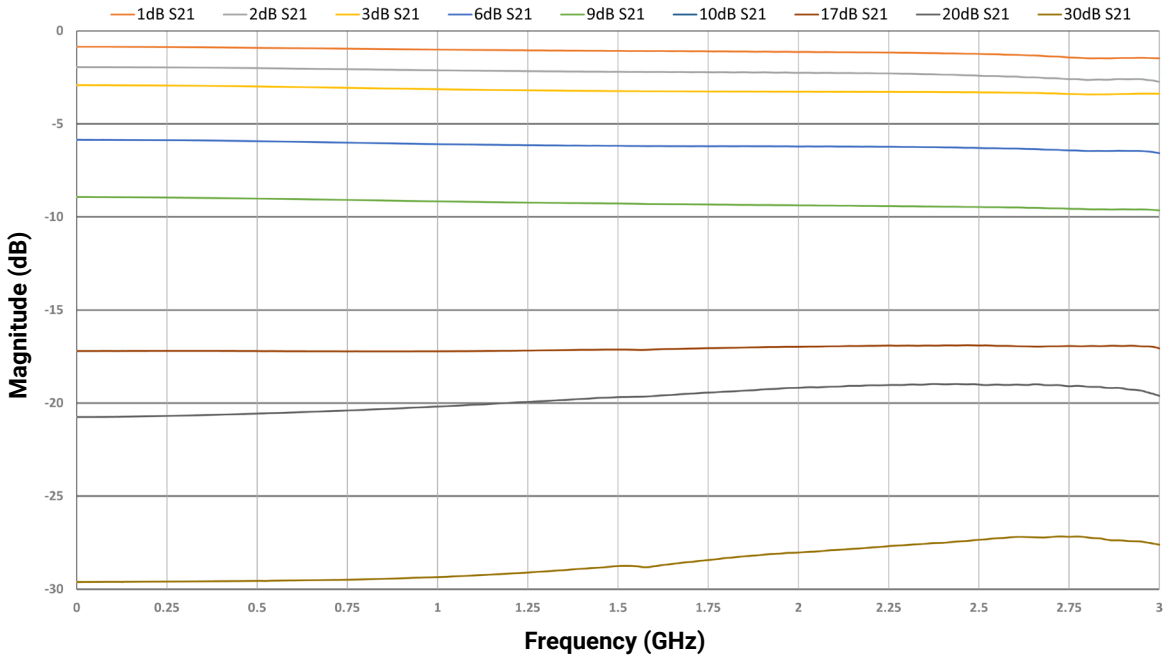
FA1	0975	P	01DB	F	BK
Case Style	**Case Size**	**Termination**	**Value**	**Tolerance**	**Packaging**
		P = Pd over Ni Flange	Nominal Attenuation in dB Written as xxDB or xRxDB (Letter R denotes a decimal point) Example: 01DB = 1dB 1R4DB = 1.4dB 17DB = 17dB	Code: F, Tol.: ±1%	BK = Plastic Carrier

The Important Information/Disclaimer is incorporated in the catalog where these specifications came from or available online at www.kyocera-avx.com/disclaimer/ by reference and should be reviewed in full before placing any order.

Attenuator Power Handling vs. Mounting Surface Temperature



Attenuator Insertion Loss w/ Respect to Frequency



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