

Fixed Attenuators

DC-18 GHz

Precision Fixed Attenuator Sets

- Calibrations Traceable to NIST
- Extremely Low Frequency Sensitivity
- Designed to Meet Environmental Requirements of MIL-A-3933E



Specifications

Type N (M/F), DC to 18 GHz, 2 W

FREQUENCY RANGE (GHz)	MODEL	ATTENUATORS	ABSOLUTE CALIBRATION ACCURACY (per 10 dB step)	AVERAGE POWER (W)
DC-12.4	118A/4	1 each of Models 777C-3, 777C-6, 777C-10, 777C-20	0.05	2
DC-12.4	119A/4	1 each of Models 757C-3, 757C-6, 757C-10, 757C-20	0.05	2
DC-18	120A/4	1 each of Models 779-3, 779-6, 779-10, 779-20	0.05	2

NOTES:

Temperature Coefficient: 0.0006 dB/dB/°C; Power Coefficient: 0.0005 dB/dB/W.
See Catalog pages 42-43 for the individual Attenuator RF specifications.

CERTIFICATE OF CALIBRATION

SERIAL NUMBERS02264

L-3 COMMUNICATIONS — NARDA

DATE:6/18/03

HAUPPAUGE, NEW YORK

ATTENUATORS -- MODEL779

PRECISION CALIBRATED ATTENUATOR SET120 A/4

INSERTION LOSS MEASURED IN 50 OHM SYSTEMS @ 20° ± 1° CELSIUS

SERIAL NUMBER	NOM. VALUE	DC RESISTANCE IN OHMS			INSERTION LOSS dB				
		MALE TO GND	FEMALE TO GND	FEMALE TO MALE	DC	1.0 GHz ± 1.05	2.0 GHz ± 1.05	3.0 GHz ± 1.05	4.0 GHz ± 1.05
04808	3 dB	50.18	50.28	16.06	2.80	2.85	2.85	2.85	2.90
05502	6 dB	51.10	50.05	23.85	6.05	6.05	6.05	6.05	6.05
09210	10 dB	49.89	50.85	52.03	9.95	10.00	10.00	10.00	10.00
06335	20 dB	50.04	49.31	80.90	19.85	19.85	19.90	19.90	19.90

SERIAL NUMBER	NOM. VALUE	INSERTION LOSS dB							
		SOURCE / LOAD VSWR							
		5.0 GHz ± 1.05	6.0 GHz ± 1.05	7.0 GHz ± 1.05	8.0 GHz ± 1.05	9.0 GHz ± 1.05	10.0 GHz ± 1.05	11.0 GHz ± 1.05	12.4 GHz ± 1.05
04808	3 dB	2.90	2.95	2.95	2.95	3.00	3.05	3.05	3.10
05502	6 dB	6.05	6.05	6.05	6.05	6.05	6.00	5.95	6.00
09210	10 dB	10.05	10.05	10.05	10.10	10.10	10.15	10.15	10.20
06335	20 dB	19.90	19.90	19.90	19.90	19.90	19.95	19.95	19.95

SERIAL NUMBER	NOM. VALUE	INSERTION LOSS dB					
		SOURCE / LOAD VSWR					
		13.0 GHz ± 1.05	14.0 GHz ± 1.05	15.0 GHz ± 1.05	16.0 GHz ± 1.05	17.0 GHz ± 1.05	18.0 GHz ± 1.05
04808	3 dB	3.10	3.15	3.20	3.20	3.20	3.25
05502	6 dB	6.00	5.95	5.90	5.90	5.90	5.80
09210	10 dB	10.25	10.25	10.30	10.15	10.20	10.25
06335	20 dB	19.95	19.90	19.95	20.00	20.00	19.90

Sample Certificate of Calibration

