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TECHNOLOGY GROUP

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DC-18 GHz

Fixed Precision Coaxial Attenuators

- Extremely Low Frequency Sensitivity
- Very Low VSWR
- Designed to Meet Environmental Requirements of MIL-A-3933E
- Medium Power Rating

Specifications

Type N (M/F), DC to 3 GHz, 5 W

FREQUENCY RANGE (MHz)	MODEL	ATTENUATION (dB)		POWER INPUT		VSWR (max.)	WEIGHT (max.)	
		NOMINAL	DEVIATION	AVERAGE (W max.)	PEAK (kW max.)		oz.	gr.
DC-3	**752-3**	3	±0.3	5	0.3	1.20	3.7	105
	752-6	6	±0.3	5	0.3	1.20	3.7	105
	752-10	10	±0.3	5	0.3	1.20	3.7	105
	752-20	20	±0.3	5	0.3	1.20	3.7	105
	752-30	30	±0.3	5	0.3	1.20	3.7	105

NOTE:
Temperature Coefficient: 0.0006 dB/dB/°C; Power Coefficient: 0.0005 dB/dB/W

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Fixed Attenuators

Specifications

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

FREQUENCY RANGE (GHz)	MODEL	ATTENUATION (dB)			POWER INPUT		VSWR (max.)			WEIGHT (max.)	
		NOMINAL	DEVIATION		AVERAGE (W max.)	PEAK (kW max.)					
			DC-12.4	12.4-18			DC-6	6-12.4	12.4-18	oz.	gr.
DC-18	779-1	1*	±0.3	±0.4	2	0.2	1.15	1.30	1.40	2.9	82
	779-2	2*	±0.3	±0.4	2	0.2	1.15	1.30	1.40	2.9	82
	779-3	3	±0.3	±0.3	2	0.2	1.15	1.30	1.40	2.9	82
	779-4	4*	±0.3	±0.4	2	0.2	1.15	1.30	1.40	2.9	82
	779-5	5*	±0.3	±0.4	2	0.2	1.15	1.30	1.40	2.9	82
	779-6	6	±0.3	±0.3	2	0.2	1.15	1.30	1.40	2.9	82
	779-7	7*	±0.4	±0.5	2	0.2	1.15	1.30	1.40	2.9	82
	779-8	8*	±0.4	±0.5	2	0.2	1.15	1.30	1.40	2.9	82
	779-9	9*	±0.4	±0.5	2	0.2	1.15	1.30	1.40	2.9	82
	779-10	10	±0.3	±0.5	2	0.2	1.15	1.30	1.40	2.9	82
	779-20	20	±0.5	±0.7	2	0.2	1.15	1.30	1.40	2.9	82
	779-30	30	±0.8	±1.0	2	0.2	1.15	1.30	1.40	2.9	82
	779-40	40	±1.25	±1.6	2	0.2	1.15	1.30	1.40	2.9	82
	779-50	50	±1.25	±1.6	2	0.2	1.15	1.30	1.40	2.9	82

* Non-standard attenuation values are available on a custom order basis. Minimum order quantity may apply. Consult factory for details

NOTES:
Temperature Coefficient: 0.0006 dB/dB/°C; Power Coefficient: 0.0005 dB/dB/W
From DC-3 GHz, maximum frequency deviation is ± 0.5 dB for the 30, 40 and 50 dB models

Type N (M/F), DC to 12.4 GHz, 2 W

FREQUENCY RANGE (GHz)	MODEL	ATTENUATION (dB)			POWER INPUT		VSWR (max.)		WEIGHT (max.)	
		NOMINAL	DEVIATION		AVERAGE (W max.)	PEAK (kW max.)				
			DC-6	6-12.4			DC-6	6-12.4	oz.	gr.
DC-12.4	777C-3	3	±0.3	±0.3	2	0.2	1.15	1.20	2.9	82
	777C-6	6	±0.3	±0.3	2	0.2	1.15	1.20	2.9	82
	777C-10	10	±0.3	±0.3	2	0.2	1.15	1.20	2.9	82
	777C-20	20	±0.3	±0.3	2	0.2	1.15	1.20	2.9	82
	777C-30	30	±0.5	±0.75	2	0.2	1.15	1.25	2.9	82

NOTE:
Temperature Coefficient: 0.0006 dB/dB/°C; Power Coefficient: 0.0005 dB/dB/W

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Specifications

Type N (M/F), DC to 12.4 GHz, 2 W

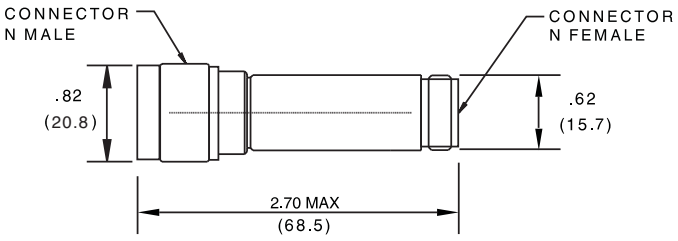
FREQUENCY RANGE (GHz)	MODEL	ATTENUATION (dB) NOMINAL	ATTENUATION (dB) DEVIATION DC-6	ATTENUATION (dB) DEVIATION 6-12.4	POWER INPUT AVERAGE (W max.)	POWER INPUT PEAK (kW max.)	VSWR (max.) DC-6	VSWR (max.) 6-12.4	WEIGHT (max.) oz.	WEIGHT (max.) gr.
DC-12.4	757C-3	3	±0.3	±0.3	2	0.3	1.20	1.25	2.9	82
	757C-6	6	±0.3	±0.3	2	0.3	1.20	1.25	2.9	82
	757C-10	10	±0.3	±0.5	2	0.3	1.20	1.25	2.9	82
	757C-20	20	±0.3	±0.5	2	0.3	1.20	1.25	2.9	82
	757C-30	30	±0.5	±1.0	2	0.3	1.20	1.25	2.9	82

Type N (M/F), DC to 6 GHz, 2 W

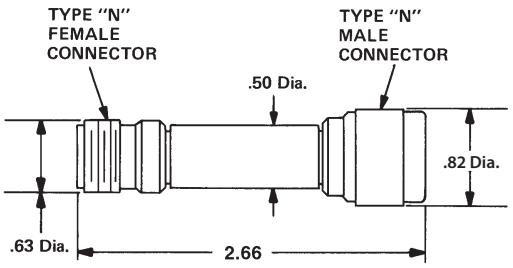
FREQUENCY RANGE (GHz)	MODEL	ATTENUATION (dB) NOMINAL	ATTENUATION (dB) DEVIATION DC-3	ATTENUATION (dB) DEVIATION 3-6	POWER INPUT AVERAGE (W max.)	POWER INPUT PEAK (kW max.)	VSWR (max.) DC-3	VSWR (max.) 3-6	WEIGHT (max.) oz.	WEIGHT (max.) gr.
DC-6	773-3	3	±0.3	±0.5	2	0.3	1.20	1.25	2.4	68
	773-6	6	±0.3	±0.5	2	0.3	1.20	1.25	2.4	68
	773-10	10	±0.3	±0.5	2	0.3	1.20	1.25	2.4	68
	773-20	20	±0.3	±0.5	2	0.3	1.20	1.25	2.4	68
	773-30	30	±0.3	±0.5	2	0.3	1.20	1.25	2.4	68
	773-40	40	±0.5	±1.0	2	0.3	1.20	1.25	2.7	77

NOTE:
Temperature Coefficient: 0.0006 dB/dB/°C; Power Coefficient: 0.0005 dB/dB/W

Outline Drawings



MODELS 752



MODELS 757C, 773, 777C, 779

Dimensions in inches (mm in parentheses), unless otherwise specified.

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