

## Attenuators

DC-18.0 GHz

### FIXED PRECISION COAXIAL ATTENUATORS

- Extremely Low Frequency Sensitivity
- Very Low VSWR
- Designed to Meet Environmental Requirements of MIL-A-3933E
- Medium Power Rating
- Minimum Phase Response and Group Delay



### SPECIFICATIONS

FREQUENCY RANGE (MHz)	MODEL	ATTENUATION dB		POWER INPUT		VSWR (Max)	WEIGHT (Max)	
		NOMINAL	DEVIATION	AVG. (W) Max	PEAK (kW)Max		Oz	Gr
DC-3	752	3	±0.3	5	0.3	1.20 :1	3.7	105
		6	±0.3	5	0.3	1.20 :1	3.7	105
		10	±0.3	5	0.3	1.20 :1	3.7	105
		20	±0.3	5	0.3	1.20 :1	3.7	105
		30	±0.3	5	0.3	1.20 :1	3.7	105

## SPECIFICATIONS

### Type N

FREQUENCY RANGE (GHz)	MODEL	ATTENUATION dB		POWER INPUT		VSWR (Max)			WEIGHT (Max)		
		NOMINAL	DEVIATION	AVG. (W) Max	PEAK (kW)Max	DC-4	4-12.4	12.4-18	Oz	Gr	
DC-18	779	1 *	±0.3	±0.4	2	0.2	1.15	1.30	1.40	2.9	82
		2 *	±0.3	±0.4	2	0.2	1.15	1.30	1.40	2.9	82
		3	±0.3	±0.3	2	0.2	1.15	1.30	1.40	2.9	82
		4 *	±0.3	±0.4	2	0.2	1.15	1.30	1.40	2.9	82
		5 *	±0.3	±0.4	2	0.2	1.15	1.30	1.40	2.9	82
		6	±0.3	±0.3	2	0.2	1.15	1.30	1.40	2.9	82
		7 *	±0.4	±0.5	2	0.2	1.15	1.30	1.40	2.9	82
		8 *	±0.4	±0.5	2	0.2	1.15	1.30	1.40	2.9	82
		9 *	±0.4	±0.5	2	0.2	1.15	1.30	1.40	2.9	82
		10	±0.3	±0.5	2	0.2	1.15	1.30	1.40	2.9	82
		20	±0.5	±0.7	2	0.2	1.15	1.30	1.40	2.9	82
		30	±0.8	±1.00	2	0.2	1.15	1.30	1.40	2.9	82
		40	±1.25	±1.60	2	0.2	1.15	1.30	1.40	2.9	82
		50	±1.25	±1.60	2	0.2	1.15	1.30	1.40	2.9	82
60	±1.25	±1.60	2	0.2	1.15	1.30	1.40	2.9	82		

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

### Type N

FREQUENCY RANGE (GHz)	MODEL	ATTENUATION dB		POWER INPUT		VSWR (Max)		WEIGHT (Max)		
		NOMINAL	DEVIATION	AVG. (W) Max	PEAK (kW)Max	DC-4	4-12.4	Oz	Gr	
DC-12.4	777C	3	±0.3	±0.3	2	0.2	1.15	1.20	2.9	82
		6	±0.3	±0.3	2	0.2	1.15	1.20	2.9	82
		10	±0.3	±0.3	2	0.2	1.15	1.20	2.9	82
		20	±0.3	±0.3	2	0.2	1.15	1.20	2.9	82
		30	±0.5	±0.75	2	0.2	1.15	1.25	2.9	82

**ORDERING INFORMATION:** Specify model number and add dash number suffix for attenuation in dB. For example: 777C-10

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### Type N

FREQUENCY RANGE (GHz)	MODEL	ATTENUATION dB		POWER INPUT		VSWR (Max)		WEIGHT (Max)		
		NOMINAL	DEVIATION	AVG. (W) Max	PEAK (kW)Max	DC-4	4-12.4	Oz	Gr	
DC-12.4	757C	3	±0.3	±0.3	2	0.2	1.20	1.25	2.9	82
		6	±0.3	±0.3	2	0.2	1.20	1.25	2.9	82
		10	±0.3	±0.5	2	0.2	1.20	1.25	2.9	82
		20	±0.3	±0.5	2	0.2	1.20	1.25	2.9	82
		30	±0.5	±1.0	2	0.2	1.20	1.25	2.9	82
		40	±1.0	±1.25	2	0.2	1.20	1.25	2.9	82
		50	±1.0	±1.25	2	0.2	1.20	1.25	2.9	82
		60	±1.0	±1.25	2	0.2	1.20	1.25	2.9	82

### Type N

FREQUENCY RANGE (GHz)	MODEL	ATTENUATION dB		POWER INPUT		VSWR (Max) DC-10	WEIGHT (Max)	
		NOMINAL	DEVIATION	AVG. (W)Max	PEAK (kW)Max		Oz	Gr
DC-10	774	3	±0.75	2	0.2	1.30	2.4	68
		6	±0.75	2	0.2			
		10	±0.75	2	0.2			
		20	±0.75	2	0.2			

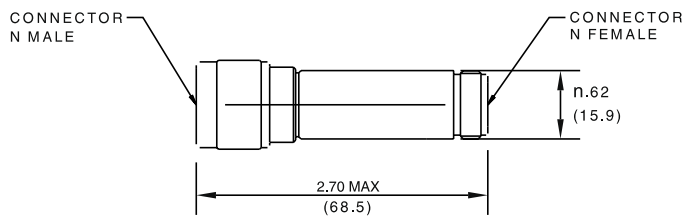
FREQUENCY RANGE (GHz)	MODEL	ATTENUATION dB		POWER INPUT		VSWR (Max)		WEIGHT (Max)		
		NOMINAL	DEVIATION	AVG. (W) Max	PEAK (kW) Max	DC-3	3-6	Oz	Gr	
DC-6	773	3	±0.3	±0.5	2	0.2	1.20	1.25	2.4	68
		6	±0.3	±0.5	2	0.2	1.20	1.25	2.4	68
		10	±0.3	±0.5	2	0.2	1.20	1.25	2.4	68
		20	±0.3	±0.5	2	0.2	1.20	1.25	2.4	68
		30	±0.3	±0.5	2	0.2	1.20	1.25	2.4	68
		40	±0.5	±1.0	2	0.2	1.20	1.25	2.7	77
		50	±0.5	±1.0	2	0.2	1.20	1.25	2.7	77
		60	±0.5	±1.0	2	0.2	1.20	1.25	2.7	77

## SPECIFICATIONS

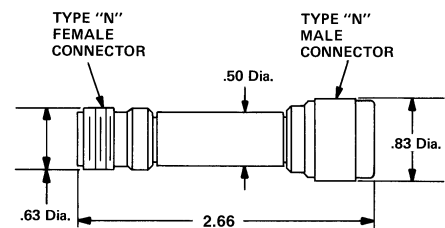
FREQUENCY RANGE (GHz)	MODEL	ATTENUATION dB		POWER INPUT		VSWR (Max) DC-3	WEIGHT (Max)	
		NOMINAL	DEVIATION	AVG. (W)Max	PEAK (kW)Max		Oz	Gr
DC-3	771	3	$\pm 0.3$	2	0.2	1.20	2.4	68
		6	$\pm 0.3$	2	0.2	1.20	2.4	68
		10	$\pm 0.3$	2	0.2	1.20	2.4	68
		20	$\pm 0.3$	2	0.2	1.20	2.4	68
		30	$\pm 0.3$	2	0.2	1.20	2.4	68

**ORDERING INFORMATION:** Specify model number and add dash number suffix for attenuation in dB.  
For example: 757C-10

## OUTLINE DRAWINGS



Model 752



Models 757C, 771, 773, 774, 777C, 779

All dimensions are Max. unless otherwise specified.