



1 to 12.4 GHz

Precision Coaxial Phase Shifters

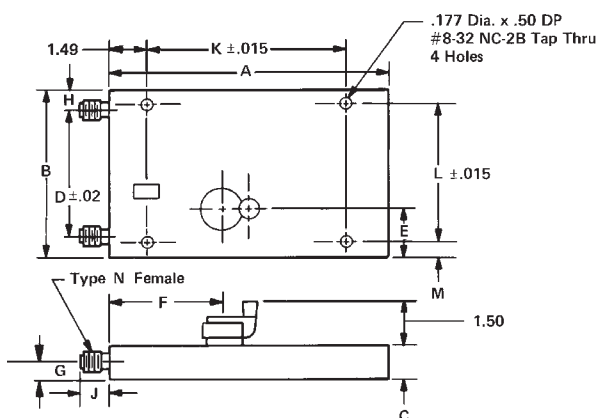
- Broadband Coverage – 180° Phase Shift at Minimum Frequency
- Low VSWR
- $\pm 0.5^\circ/\text{GHz}$ Accuracy with Digital Dial Readout

Specifications

FREQUENCY RANGE (GHz)	MODEL	MINIMUM PHASE SHIFT (Min)	POWER** AVG. (W)	PEAK (kW)	INSERTION LOSS (Max) (dB)	VSWR (Max)	ACCURACY $^\circ/\text{GHz}$	CONNECTORS	WEIGHT (Max) Lbs	Kg
1-5	3752	180° at 1 GHz	200	5	0.5	1.25	± 0.5	N	4.5	2.05

FREQUENCY RANGE (GHz)	MODEL	MINIMUM PHASE SHIFT (Min)	POWER** AVG. (W)	PEAK (kW)	INSERTION LOSS (Max) (dB)	VSWR (Max) 3.5-10	10-12.4	ACCURACY $^\circ/\text{GHz}$	CONNECTORS	WEIGHT (Max) Lbs	Kg
3.5-12.4	3753B	180° AT 3.5 GHz	200	5	0.7	1.35	1.4	± 0.5	N	3.3	1.5

Outline Drawings



MODEL	A	B	C	D $\pm .02$	E	F	G	H	J	K $\pm .015$	L $\pm .015$	M
3752	9.03	5.53	1.12	4.13	1.56	3.75	.56	.68	0.75	6.00	5.13	.18
3753B	6.72	4.69	1.28	3.50	1.59	1.13	.75	.58	1.22	4.50	4.31	.17

All dimensions are max. unless otherwise specified.