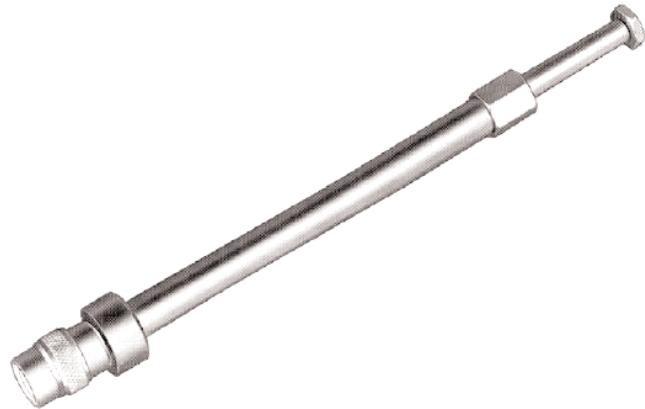


- ◆ Noise Free Operation
- ◆ Adjustment Locking
- ◆ Long Life Be-Cu Contacts
- ◆ 100 Watt Average Power
- ◆ N Connector Standard
- ◆ BNC, TNC, SMA available to special order



Microlab Model SO series of Adjustable Shorts are movable short circuits, which are employed to terminate a coaxial transmission line.

Its use enables the establishment of reference conditions or as an accessory for impedance meters, crystal mounts, or other coaxial components. The method of positioning the shorts is identical with the stub tuners, see data sheet S1-S3 series.

Two stub types are used. Type 1 consists of a slotted outer conductor that permits adjustment of the stub position without increasing overall dimensions. Type 2, used for higher frequencies is adjusted by a handle extending from the mouth of the stub.

Alternate connectors are available on request. (03/10)

Insertion Loss:	0.2 dB max.
Impedance:	50Ω nominal
Power Rating:	100 W avg., 5 kW peak
Temperature:	-55°C to +150°C
Connectors:	male-female
Finish:	Silver or tri-plate

Alternate Connector Specifications

Connector	Model No. Suffix	Typical Model No.
N type	N	SO-2FN
SMA (special order)	F	SO-2FF

Frequency Range MHz	Stub Type	Stub Travel in. (mm)	Length in. (mm)	Model Number with N connectors	
				N-male	N-female
200-1000	1	30.0 (762)	32.1 (815)	SO-2MN	SO-2FN
500-3000	1	12.0 (305)	13.7 (348)	SO-5MN	SO-5FN
1500-6000	2	3.5 (89)	5.5 (140)	SO-6MN*	SO-6FN*

*Special order only

Stub Types

