

CONNECTOR GAGE KITS

- Direct Reading
- Self Checking
- Accurate
- Easy to Use



A027A



A007



Description

Maury's connector gage kits provide an easy to use, direct reading, self-checking, and accurate way to measure the critical linear interface dimensions of most coaxial connectors. These kits consist of gages with specially adapted dial indicators, plus the correct bushings and pins needed to mate with specified connectors. A master setting gage is used

to adjust the dial indicator to zero, before a push-on or thread-on gage is mated with a connector to measure the distance from a given interface (male shoulder, etc.) to the outer conductor mating plane. The table below lists available models. Additional information on specific gages can be supplied on request.

Connector Type(s)	Dial Resolution (inches)	Style	Gages Per Kit	Model	Application	Maury Data Sheet
N	0.001	Push-On	1	A007A	Measures contact pin location.	2Y-002
N	0.00025	Push-On	1	A020A	Measures contact pin location.	2Y-003
N	0.0001	Thread-On	2	A020D	Metrology grade gages measure contact pin location.	2Y-003A
N (75 ohms)	0.0001	Push-On	1	A020G	Measures contact pin location.	2Y-003G
N, BNC, TNC, C, SC	0.00025	Push-On	1	A025A	Measures contact pin location.	2Y-016
SMA	0.0005	Push-On	2	A027	Measures contact pin location.	2Y-004
SMA	0.0005	Push-On	4	A027A	Measures contact pin and dielectric interface location.	2Y-004
SMA	0.0005	Push-On	2	A027G	Measures contact pin and dielectric interface location.	2Y-004
SMA	0.0005	Push-On	3	A027M	Measures standard male contact pin and dielectric interface locations, and the 0.085 inch male coaxiatube pin dimension.	2Y-004
BNC, TNC	0.0005	Push-On	2	A012A	Measures contact pin and dielectric interface location.	2Y-009
AFTNC, TNC	0.0001	Push-On	6	A012E	Measures contact pin and dielectric interface locations of all MIL-STD, IEC and commercial TNC connectors. Measures all parameters.	2Y-028
3.5mm 2.92mm (K)	0.00025	Push-On	2	A034B	Measures female and male contact pin interface locations.	2Y-020
3.5mm 2.92mm (K)	0.0001	Thread-On	2	A034E	Metrology grade gages measure contact pin interface locations.	2Y-022A
2.4mm	0.0001	Push-On	2	A035C	Measures contact pin location of precision connectors.	2Y-022
2.4mm	0.0001	Thread-On	2	A035E	Metrology grade gages measure contact pin location of precision connectors.	2Y-022A
7mm	0.0001	Push-On	1	A028	Measures planar contact location.	2Y-005
7mm	0.0001	Thread-On	1	A028D	Metrology grade gage measures planar contact location.	2Y-005A
OSP™	0.00025	Push-On	1	A039C	Measures contact pin location.	2Y-026
7-16	0.00025	Push-On	1	A041A	Measures contact pin location.	2Y-027
SMP/GPO™ ¹	0.0005	Push-On	3	A042A	Measures contact pin and dielectric interface locations of SMP connectors.	2Y-031
Multiport	0.0005	Push-On	6	A045A	Measures contact pin and dielectric locations of multiport connectors.	2Y-029
ZMA/BZ	0.0005	Push-On	6	A046A	Measures contact pin and dielectric locations of multiport connectors.	2Y-030

¹ GPO™ is a trademark of the Gilbert Engineering Co., Inc.

