



RECTANGULAR WAVEGUIDE TO COAX END LAUNCH ADAPTERS E40 SERIES

**DATA
SHEET
No. T19D**

- FULL BAND
- LOW VSWR
- HIGH POWER



DESCRIPTION

MEC state-of-the-art End Launch adapters fulfill the need for inline units with broadband capability. Their unique design achieves low profile with short length, low loss and VSWR.

Of special significance is the inherent ability of these units to operate over the full W/G band at high power levels, making them ideal for EW/ECM applications where transmission line routing is at a premium.

SPECIFICATIONS

MODEL NO.	FREQUENCY (GHz)	WAVEGUIDE SIZE	VSWR (MAX)	BODY LENGTH (IN.)
SE40	2.6 – 3.95	WR 284	1.2	9.0
BE40	3.3 – 4.9	WR 229	1.2	7
GE40	3.95 – 5.85	WR 187	1.2	6
DE40	4.9 – 7.05	WR 159	1.2	5
JE40	5.85 – 8.2	WR 137	1.2	4.0
HE40	7.05 – 10.0	WR 112	1.2	3.5
H2E40	7.05 – 10.0	½ height WR 112	1.1	3.0
XE40	8.2 – 12.4	WR 90	1.3	3.0
ME40	10-15	WR-75	1.3	3.0
PE40	12.4 – 18	WR 62	1.4	2.5
KE40	18 – 26.5	WR 42	1.5	2.0
AE40	26. – 40.	WR 28	1.5	2.0

CONNECTOR SPECIFICATION INFORMATION

CONNECTOR TYPE	FEMALE SUFFIX	MALE SUFFIX	MAX FREQUENCY (GHz)	POWER (W) AT MAX FREQUENCY
SC	-S	-SCM	8	800
TNC	-T	-TM	18	400
N	-N	-NM	18	300
SMA	-3	-3M	26	50
APC-7	-7		18	10

* For other connectors and details, refer to Data Sheet T100

ORDERING

- (1) Select Model number based on band required
- (2) To specify connector, add suffixes to model number from table. Also note max. frequency and power limits shown.
- (3) To specify pressure port, add suffix -P.
- (4) Other frequency bands, mounting provisions, and package arrangements available upon request

EXAMPLE: H2D40-N is the Model number for the half height WR 112 end Launch adapter with type N connector, over all length is 3.5 inches.

Data subject to change without notice



MICROWAVE ENGINEERING CORPORATION

1551 STREET, NORTH ANDOVER, MA 01845 • TEL (978) 685-2776 • FAX (978) 975-4363 • Website: <http://www.microwaveeng.com/> • Email: sales@microwaveeng.com