



END LAUNCH ADAPTERS RE40 SERIES

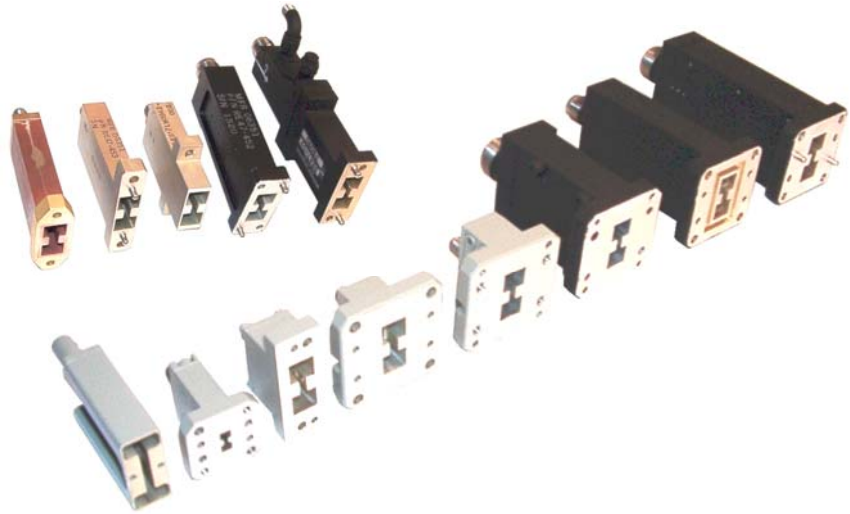
DATA
SHEET
No. T74B

- BROAD BAND — OCTAVE OR MORE
- LOW VSWR
- HIGH POWER

DESCRIPTION

MEC state-of-the-art End Launch adapters fulfill the need for in-line 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 a multi-octave band at high power levels, making them ideal for EW/ECM applications where transmission line routing space is at a premium.



SPECIFICATIONS

MODEL NO.	FREQUENCY RANGE (GHz)	WAVEGUIDE SIZE	VSWR (MAX.)	BODY LENGTH (IN.)
RE45	18.0 – 40.0	WRD180C24	1.5	2.0 Max
RE46	11.0 – 26.5	WRD110C24	1.4	2.0 Max
RE40	7.5 – 18.0	WRD750D24	1.3	2.75 Max
RE47	6.5 – 18.0	WRD650D28	1.3	2.65 Max
RE48	5.8 – 16.0	WRD580D24	1.3	3.0 Max
RE41	4.75 – 11.0	WRD475D24	1.25	3.5 Max
RE49	4.75 – 11.0	DR-19	1.25	3.5 Max
RE42	3.5 – 8.2	WRD350D24	1.25	4.8 Max
RE43	2.0 – 4.8	WRD200D24	1.25	6.5 Max

ORDERING INFORMATION

(1) Add the following suffixes to the model number to specify connector and power:

(a) CONNECTOR: -3 for SMA female -T for TNC female -N for type N Female

-3M for SMA male -TM for TNC male -NM for type N male
-7 for precision 7mm -SC for SC female
-SCM for SC male

(b) POWER: -P for high power levels, namely:

SC to 8.2 GHz-800 W av.
N to 6 GHz-600 av. Derate linearly to 300 W at 18 GHz.
TNC to 18 GHz-200 W av.
SMA to 18 GHz-50 W av.

EXAMPLE: RE43-SC-P is the model number for the WRD-200D24 Double-Ridge Waveguide to SC female coaxial connector End Launch Adapter rated at 800 W average power.

(2) Other flanges, connectors and frequency ranges available on request. Alternate tapped cover flange is standard.

(3) Single ridge waveguide is available on special request. TYPICAL EXAMPLE: Frequency 2.6-5.2 GHz, VSWR 1.10, Length 1.30".

