



DOUBLE-RIDGE WAVEGUIDE-TO-COAXIAL ADAPTERS R40 SERIES

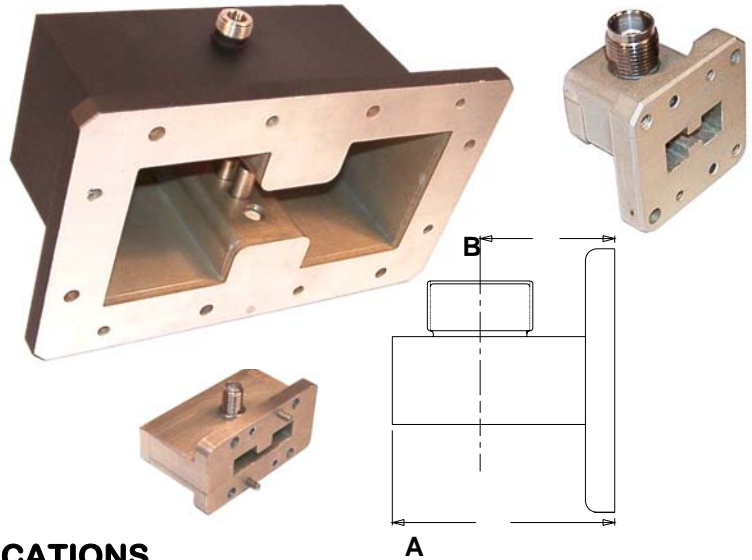
**DATA
SHEET
No. T7E**

- ULTRA-SHORT LENGTH
- LOWEST VSWR
- HIGH POWER

DESCRIPTION

MEC R40 Series Adapters provide broadband capability in a very compact form and allow transmission of power in either direction with very low reflection. VSWR over a full octave band is often less than 1.10. Swept frequency test data is supplied on request.

Assemblies are furnished with an aluminum housing. Connectors are in accordance with MIL-C-39012. Finish is chromate conversion per MIL-C-5541, Class 3, painted with gray epoxy enamel.



SPECIFICATIONS

MODEL	FREQUENCY RANGE (GHz)	WAVEGUIDE SIZE	STANDARD FLANGE	DIMENSIONS (IN.)		TYPICAL VSWR
				A MAX.	B \pm .03	
R45	18.0-40.0	WRD-180C24	180C-1	1.05	0.82	1.25
R46	11.0-26.0	WRD-110C24	110C-1	1.05	0.79	1.15
R40	7.5-18.0	WRD-750D24	750C-1	1.30	0.65	1.10
R47*	6.5-18.0	WRD-650D28	650C-1			
R48	5.8-16.0	WRD-580D28	580C-1	1.75	1.17	1.06
R41	4.75-11.0	WRD-475D24	475C-1			
R49	4.75-11.0	DR-19	DR19C-1	1.70	1.09	1.06
R42	3.5-8.2	WRD-350D24	350C-1	1.45	0.92	1.06
R43	2.0-4.8	WRD-200D24	200C-1	2.25	1.57	1.06
R44	1.0-2.0	WRD-840U24	840C-1	4.00	2.90	1.10
R404	.5-1.0	WRD-420U24	SPECIFY	12.0	9.5 \pm .25	1.15

*R47-N & -7 dimensions A & B are 1.50" & 1.00" respectively.

ORDERING INFORMATION

Select connector by

- (1) Referring to Coaxial Connector Data Sheet T100 for a full listing of available connectors and specs.
- (2) Specify frequency band, power peak and average.
- (3) Custom flanges, integral pressure windows, bends and other options are available upon request.

