

NEW WM780 SERIES WAVEGUIDE MIXERS



WM780 Series

Waveguide Mixers

- Individually Characterized
- Improved Reliability, Especially in The High Frequency Bands
- Increased Sensitivity
- Uniform Size
- Band Coverage and Breaks Compatible With WM 490 Series Waveguide Mixers (see facing page)

Tek WM780 Series Waveguide Mixers

Although designed for operation with Tektronix spectrum analyzers, these broadband mixers also serve a wide variety of general-purpose uses for the frequency bands from 18 to 325 GHz. Such uses include down-conversion for noise figure and network analysis measurements.

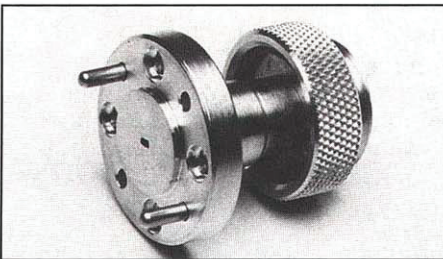
Rugged diode mount and stepped-tapered termination offer improved performance and reliability. Individual characterization curves up to 110 GHz provided on housing. Custom characterization for system use is available on request. Modular construction yields a uniform size.

Frequency Range (GHz)	Tektronix Model No.	Band Designation
18 to 26.5	WM780K	K
26.5 to 40	WM780A	A
33 to 50	WM780Q	Q
40 to 60	WM780U	U
50 to 75	WM780V	V
60 to 90	WM780E	E
75 to 110	WM780W	W
90 to 140	WM780F	F
110 to 170	WM780D	D
140 to 220	WM780G	G
220 to 325	WM780G Opt. 01	J

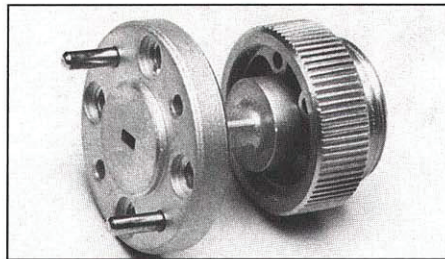
ORDERING INFORMATION

For complete specifications and ordering information, contact your Tektronix Sales Representative.

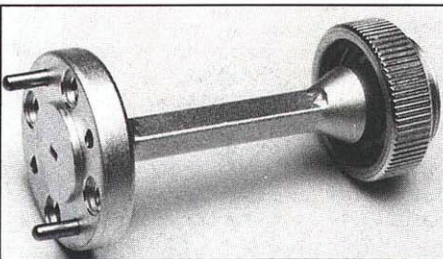
WAVEGUIDE ADAPTERS AND ACCESSORIES



220 to 325 GHz tapered transition



90 to 140 GHz flange adapter



140 to 220 GHz flange adapter



Diplexer assembly

Waveguide accessories such as flange adapters, tapered transitions, and diplexer assemblies are necessary and useful accessories for assembling waveguide measurement systems.

ORDERING INFORMATION

- Diplexer Assembly**—Order 015-0385-00 **\$235**
- Precision Flex Cable**—50Ω coax SMA-to-SMA, required for use with Diplexer Assembly. Order 012-0649-00 **\$33**
- 220 to 325 GHz Tapered Transition**—Order 119-1728-00 **\$1,495**
- 90 to 140 GHz Flange Adaptor**—Order 119-1324-00 **\$400**
- 110 to 170 GHz Flange Adaptor**—Order 119-1743-00*1
- 140 to 220 GHz Flange Adaptor**—Order 119-1744-00*1

*1 Contact your local sales office.