



Open-Ended Rectangular Probe

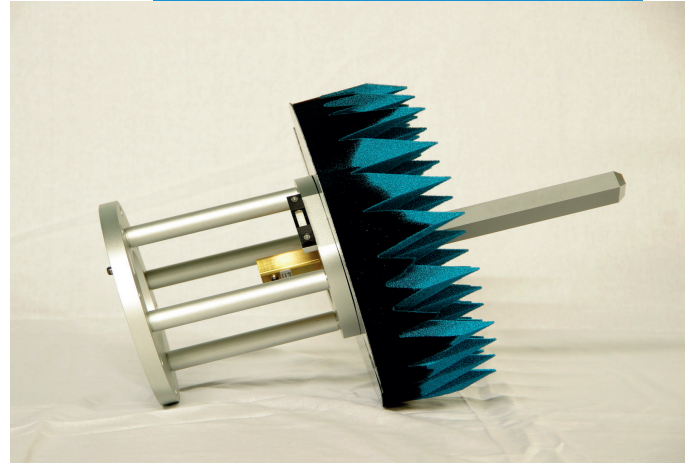
Open-Ended Rectangular Waveguide Probe (OE-RWP)

Overview

Our Open-ended rectangular waveguide probes are based on standard rectangular waveguides. Probes are provided with integrated waveguide-to-coax adapters with SMA or K connectors. Open-ended rectangular waveguide probes are intended for wideband operation, covering all standard waveguide bands.

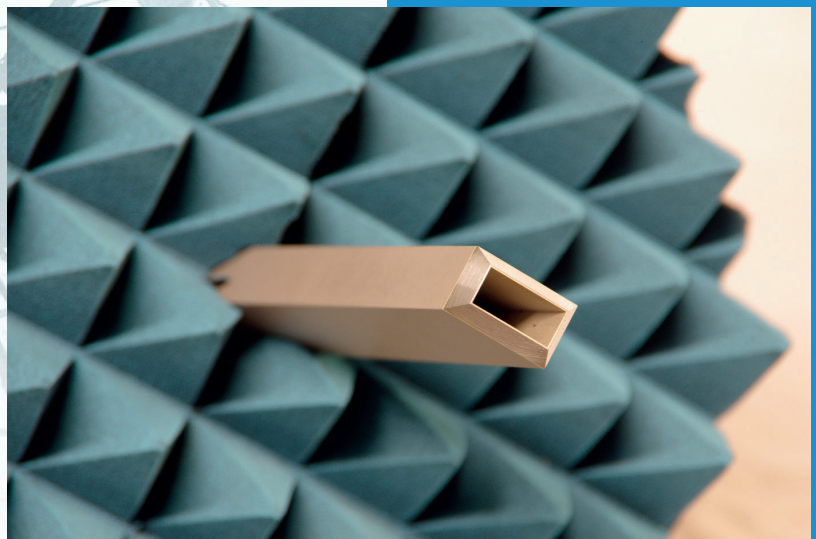
Custom frequency bands are available upon request.

Each probe includes high precision customized mounting interfaces with levels and absorber plates. A detailed calibration report would be available upon request, critical for anechoic chamber applications.



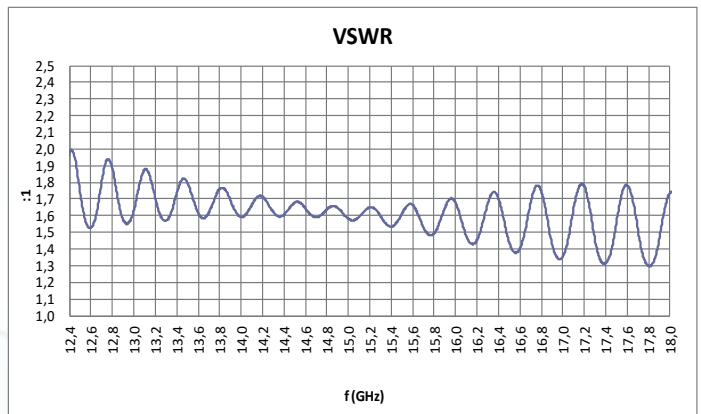
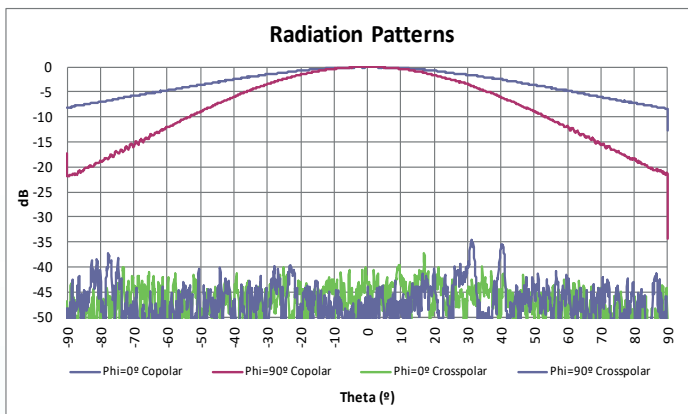
Applications

- Planar and cylindrical near-field antenna test range feeds



TECHNICAL SPECIFICATIONS

Product Code	Waveguide Band	Frequency Range [GHz]	VSWR	Gain [dBi] (At Center Frequency)	Crosspolar Discrimination [dB] (At Boresight)		Input/Output
					Target	Typical	
TTI-FEED-UHF-004007-RWG-A-V1	WR-1500	0.49 - 0.75	< 2.1:1	6.0 ± 0.5	> 40	> 35	SMA Connector
TTI-FEED-UHF-007011-RWG-A-V1	WR-975	0.75 – 1.10	< 2.1:1	6.0 ± 0.5	> 40	> 35	SMA Connector
TTI-FEED-L-011017-RWG-A-V1	WR-650	1.10 – 1.70	< 2.1:1	6.0 ± 0.5	> 40	> 35	SMA Connector
TTI-FEED-R-017026-RWG-A-V1	WR-430	1.70 – 2.60	< 2.1:1	6.0 ± 0.5	> 40	> 35	SMA Connector
TTI-FEED-S-026039-RWG-A-V1	WR-284	2.60 – 3.95	< 2.1:1	6.5 ± 0.5	> 40	> 35	SMA Connector
TTI-FEED-G-039058-RWG-A-V1	WR-187	3.95 – 5.85	< 2.1:1	6.5 ± 0.5	> 45	> 42	SMA Connector
TTI-FEED-C-058082-RWG-A-V1	WR-137	5.85 – 8.20	< 2.1:1	6.5 ± 0.5	> 45	> 42	SMA Connector
TTI-FEED-X-082124-RWG-A-V1	WR-90	8.20 – 12.40	< 2.1:1	6.5 ± 0.5	> 45	> 42	SMA Connector
TTI-FEED-Ku-124180-RWG-A-V1	WR-62	12.40 – 18.00	< 2.1:1	6.5 ± 0.5	> 45	> 42	SMA Connector
TTI-FEED-K-180265-RWG-A-V1	WR-42	18.00 – 26.50	< 2.1:1	6.5 ± 0.5	> 45	> 42	SMA Connector
TTI-FEED-Ka-265400-RWG-A-V1	WR-28	26.50 – 40.00	< 2.1:1	6.5 ± 0.5	> 45	> 42	K (2.92mm) Connector



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Information contained in this document is subject to change without notice.

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