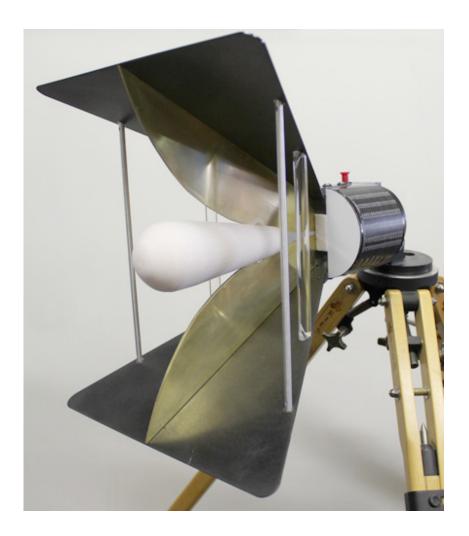


DAMs Broadband Reference Horn

Features and Specifications



DE0726

700MHz to 26GHz

The digitally optimized DE0726 features a dielectric lens system which dramatically improves beam profile and gain. The impedance is 50 ohms from DC to the band. The horn can be used for measurement and communications. The excellent match and monotonic gain provide a unique combination of application and performance.

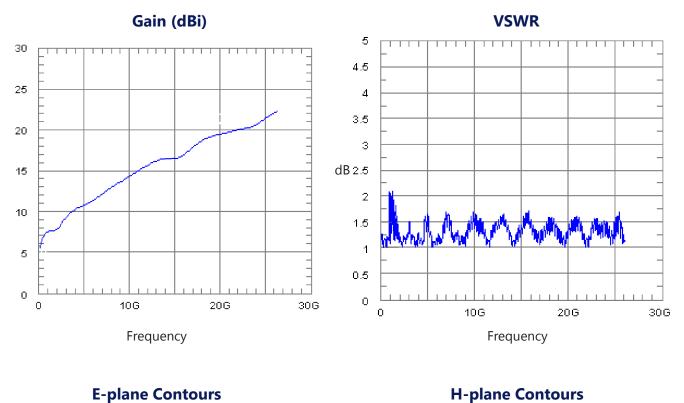
Specifications

Physical Specifications

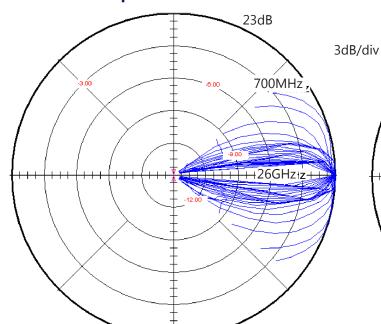
Weight:	4 pounds (1.8kg)	
Dimensions:	14 x 14 x 14 inches	
	12″	*
14"		

Technical Specifications

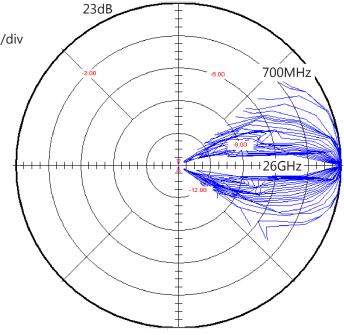
Polarization:	Linear
Receive / Transmission:	50 watts
Connector type:	SMA-F
Beam Location:	8.6 cm below laser location
Recommended Tripod:	DE Carbon Fiber Tripod



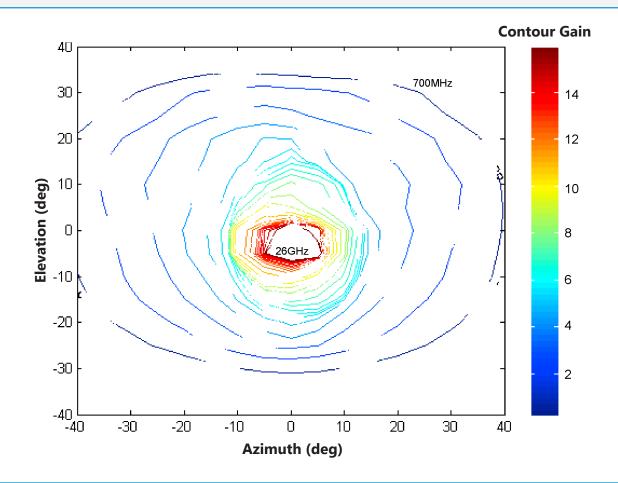
Typical Gain, VSWR for AZ-EL (0,0) plus normalized beamwidth profiles



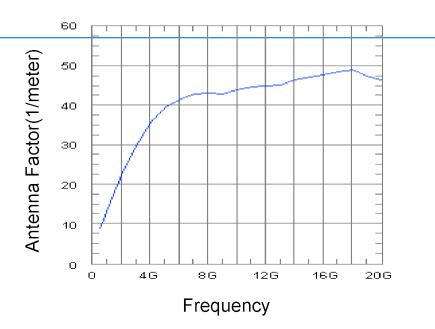
H-plane Contours



Typical 3dB Beam Profiles 700MHz to 26GHz

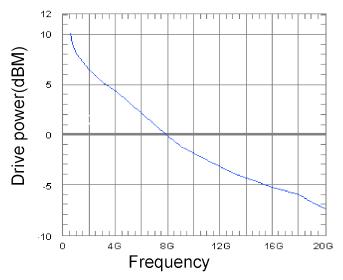


Antenna Factor Plot



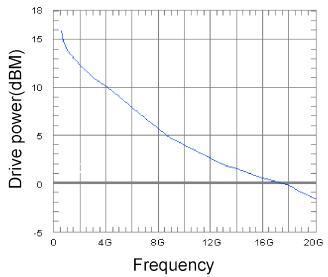
DAMs Broadband Reference Horn **DE0726**

Constant E-Field Drive Power Profiles

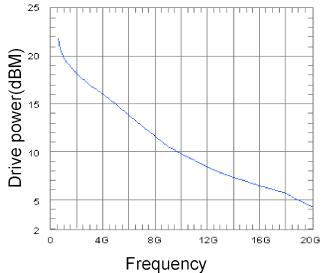


Drive Power Profile for constant 1v/meter at 1meter

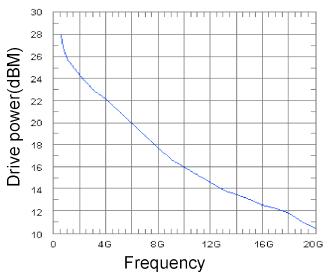
Drive Power Profile for constant 2v/meter at 1meter



Drive Power Profile for constant 4v/meter at 1meter



Drive Power Profile for constant 8v/meter at 1meter



Typical Beam Color Profiles 700MHz to 26GHz

