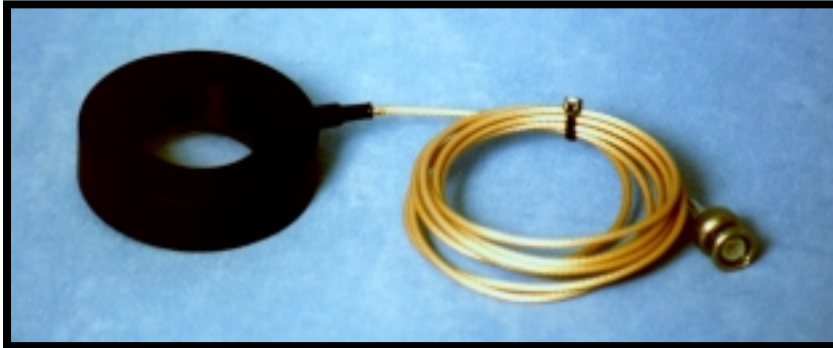




STAR TECH INSTRUMENTS, INC.

VHR-AR (LOW INSERTION LOSS PROBE)⁽¹⁾



Star Tech Instruments' VHR/AR series energy probes are large aperture, low profile, high damage threshold energy probes for the 1 through 400 nm spectral region.

SPECIFICATIONS

Transmission	up to 98% with optional AR coating (193 to 400 nm)
Responsivity	up to 500,000 Volts/Joule
Dynamic range	5 nJ to 4J
Maximum repetition rate	Type C- 30 KHz Type G- 1.5 MHz Type R- 200 Hz
Damage Threshold	500 W/cm ² or 500 mJ/cm ² (dependent on wavelength and crystal type)
Spectral bandwidth	Type C- 150 nm - 220 nm Type G- 1 nm - 400 nm Type R- 150 nm - 400 nm
Areal Uniformity	+/- 5% across surface
Output	BNC male

(1) Protected by one or more U.S. Patents.

STAR TECH INSTRUMENTS, INC., P.O. BOX 2536, DANBURY, CT 06813
TEL: 203-312-0767 HTTP://WWW.STARTECHINST.COM FAX: 203-746-9914