

The Detachable Active Array Heads (DAAH) probes have been specially designed to suit the needs of the industry for phased array probes. With these contact probes, it is now possible to detach the acoustic transducer from the cable which reduces the cost and gives more flexibility. DAAH probes reach the highest standard for signal quality allowing fast and reliable inspection of pipes, pressure vessels, boiler tubes, etc.

DAAH probes

Detachable Active Array Heads

Advantages of the DAAH Technology

The Detachable Active Array Head (DAAH) concept solves most of the issues with phased array probes.

- Reduce the cost.
- Detach the acoustic transducer from cable so different active array heads can fit into the same adaptor socket
- Offer a number of inventory models that are readily available, avoiding production delays of several weeks or months
- Allow customers to invest in search units without being tied to a particular instrument vendor.
- Standardize the footprint for external wedge mounting, thereby simplifying the wedge supply and adaptation to scanners.
- Simplify instrument setup and reduce errors as all probes come with reference configuration files.



Main Features:

- Mate to the same cable adaptor
- Affordable and quality probes
- Available for most popular frequencies
- IP66 protection against fine dust and high-pressure water jets
- Rugged casing in stainless steel
- Standardized footprint
- Comes with a comprehensive booklet

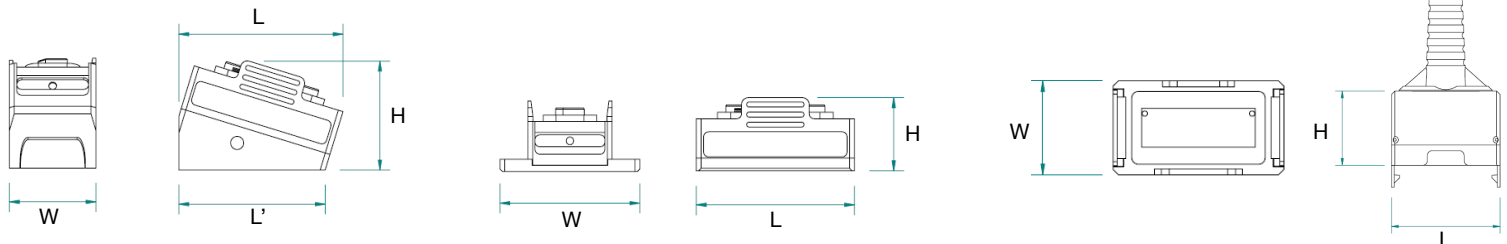
Applications:

- Nuclear power generation
- Welding
- Aerospace industry
- Petrochemical industry
- Heavy industry
- Windmill

TYPE 1 DAAH PRODUCT SPECIFICATIONS

FREQUENCY	PHOTO	MODEL NUMBER	NUMBER OF ELEMENTS	PITCH (mm)	WEDGE	
2.25 MHz		T1-PE-2.25M20E1.2P	20	1.2	External	
		T1-PE-2.25M14E1.2P-35W0D	14	1.2	35°, Integral	
		T1-PE-2.25M18E1.2P-17W0D	18	1.2	17°, Integral	
5 MHz		T1-PE-5.0M32E0.8P	32	0.8	External	
		T1-PE-5.0M22E0.8P-35W0D	22	0.8	35°, Integral	
		T1-PE-5.0M26E0.8P-17W0D	26	0.8	17°, Integral	
7.5 MHz		T1-PE-7.5M44E0.6P	44	0.6	External	
		T1-PE-7.5M30E0.6P-35W0D	30	0.6	35°, Integral	
		T1-PE-7.5M40E0.6P-17W0D	40	0.6	17°, Integral	
		FOOTPRINT - mm (in.)		EXTERNAL DIMENSIONS - mm (in.)		
		L'	W	L	W	H
Common Features		32.0 (1.26)	29.2 (1.15)	14.6 (0.57)
		27.9 (1.10)	17.6 (0.69)	34.2 (1.35)	17.6 (0.69)	27.3 (1.07)
		30.1 (1.18)	17.6 (0.69)	33.8 (1.33)	17.6 (0.69)	22.3 (0.88)
ADAPTOR SOCKET SPECIFICATIONS		Type 1 DAAH Adaptor, Hypertronics connector, 200 cm		EXTERNAL DIMENSIONS - mm (in.)		
				L	W	H
Single		ASM-9038-HY200		32.0 (1.26)	17.6 (0.69)	21.9 (0.86)
Dual		ASM-9039-HY200		32.0 (1.26)	17.6 (0.69)	21.9 (0.86)
Quad		ASM-9040-HY200		32.0 (1.26)	17.6 (0.69)	21.9 (0.86)
EXTERNAL WEDGES SPECIFICATIONS		Type 1 external mount wedge, Rexolite material		CUT ANGLE		RANGE
		T1-35W0D-LOW-REXO		35		35-75 SW
		T1-17W0D-LOW-REXO		17		0-70 LW
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All specifications subject to change without notice. Please validate with HARFANG before ordering.



HARFANG Microtechniques Inc.

4975, rue Rideau (Suite 140) - Québec, Qué. - Canada G2E 5H5

Tél: +1 (418) 683-6222 Fax: +1 (418) 683-7032 www.harfangmicro.com

Patent pending

نمایندگی انحصاری در ایران
شرکت پویشیار
 تهران، خیابان آفریقا بلوار گلشهر پلاک ۱۵ طبقه دوم
 تلفن: ۲۲۰۵ ۳۸ ۴۲ فاکس: ۲۲۰۵ ۶۴ ۸۲