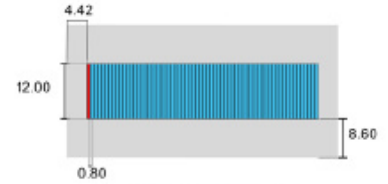




Phased Array Transducers

DAAH 5A Series - High Performance Large Linear Scan



With a similar acoustic design to D1 series but with 64 elements, these probes have the capabilities to generate larger linear scan (LScan or electronic scan) to cover a fairly larger area for applications such as composite inspections, blistering and corrosion mapping solutions. The D5 series will especially stand out on material penetration and signal-to-noise ratio performances.

Frequent Applications

- Aerospace parts (large composite)
- Large aluminium plates (delaminations)
- Corrosion, blistering & thickness mapping
- Critical welds of thick material

Standard

- DAAH 5 Cable Connection
- 2m Cable
- Other cable lengths upon request

Probe Models									
Part Number	Probe Description	Frequency	Number Elements	Elevation	Element Pitch	Aperture	External Dimensions		
		F		E	P	L	L	W	H
		(MHz)	Qty	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
D5A-001	D5A-5M64E-0.8x12	5	64	12	0.8	51.2	60	29.2	20.6

Wedge Models									
Part Number	Wedge Description	Wave Type	Angle Steel	Cut Angle	Delay Line	Length (L)	Width (W)	Front Height (H1)	Back Height (H2)
		LW/SW	(°)	(°)	(mm)	(mm)	(mm)	(mm)	(mm)
D5AW-001	D5AW-0L12.7	L	0	0	12.7	80	30	12.7	12.7
D5AW-002	D5AW-0L25.4	L	0	0	25.4	80	30	25.4	25.4
D5AW-003	D5AW-0L12.7-IHC	L	0	0	12.7	80	30	12.7	12.7
D5AW-004	D5AW-0L25.4-IHC	L	0	0	25.4	80	30	25.4	25.4
D5AW-005	D5AW-N53S	S	53	35	0	109	32.2	59	16