

# Phased Array Transducers

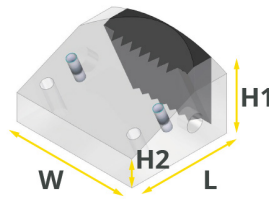
## X0 Series - Low Profile



These probes have a low profile design to fit in between pipes and the elements are mechanically focused to optimise detection of defects into the welds of small-diameter pipes. Paired with Sonatest low profile scanners, it makes the ultimate scanning solution for phased array inspection of circumferential welds in small bore pipeworks.

### Frequent Applications

- Bore Pipe
- Small diameter tube inspection
- Fits on most low profile scanners



### Standard

- Quick I-PEX Connector (QX)
- Quick I-PEX Bracket
- 5m 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)
X0A-001	X0A-2.25M16EFC35-0.5x10-SQX5	2.25	16	10	0.5	8	26	22	9.7
X0A-002	X0A-5M16EFC35-0.5x10-SQX5	5	16	10	0.5	8	26	22	9.7
X0A-003	X0A-7.5M16EFC35-0.5x10-SQX5	7.5	16	10	0.5	8	26	22	9.7
X0A-004	X0A-10M16EFC35-0.5x10-SQX5	10	16	10	0.5	8	26	22	9.7
X0A-005	X0A-10M32EFC35-0.25x10-SQX5	10	32	10	0.25	8	26	22	9.7

### Wedge Models

Part Number	Wedge Description	Wave Type	AngleSteel	CutAngle	Delay Line	Length (L)	Width (W)	Front Height (H1)	Back Height (H2)
		LW/SW	(°)	(°)	(mm)	(mm)	(mm)	(mm)	(mm)
X0AW-001	X0AW-N60S-IH	S	60	39	0	18	21	13.2	2.4
X0AW-002	X0AW-N55S-IH	S	55	36	0	18	21	13.2	2.4
X0AW-003	X0AW-N45S-IH	S	45	31	0	18	21	13.2	2.4
X0AW-004	X0AW-N60L-IH	L	60	20	0	18	21	9.0	2.4