

# Dual Element Integral Cable Transducers **DEI & PDEI** Fixed Delay Line Transducers **PD**

## Features

- Dual normal beam compression wave contact probes.
- Lead metaniobate crystal (DEI/PD).
- Medium damped for medium bandwidth (DEI/PD).
- Composite Crystal (PDEI).
- High damped for wide bandwidth (PDEI).
- Cable connection entry can be at the side or top.



Transducer Models		
DEI	f	Ø
p/n	(MHz)	(")
DEI2525	2.25	1/4
DEI3725	2.25	3/8
DEI5025	2.25	1/2
DEI7525	2.25	3/4
DEI2550	5	1/4
DEI3750	5	3/8
DEI5050	5	1/2
DEI7550	5	3/4
DEI2510	10	1/4
DEI3710	10	3/8
DEI5010	10	1/2

Transducer Models		
PDEI	f	Ø
p/n	(MHz)	(")
PDEI251	1	1/4
PDEI371	1	3/8
PDEI501	1	1/2
PDEI751	1	3/4
PDEI2525	2.25	1/4
PDEI3725	2.25	3/8
PDEI5025	2.25	1/2
PDEI7525	2.25	3/4
PDEI2550	5	1/4
PDEI3750	5	3/8
PDEI5050	5	1/2
PDEI7550	5	3/4
PDEI2510	10	1/4

## Frequent Applications

- Aerospace
- Bond Testing
- Brazed Joints
- Machined Parts
- Thickness
- Tube & Pipe
- White Metals

Size Options	DEI, PDEI, PD			Connector Options DEM									
Probe Size (")	Case Dimensions (")			Connector Type						Connector Position			
a x b	A	B	C	BNC (B)	Lemo 1 (L)	Lemo 00 (Z)	Microdot (D)	Subvis (S)	UHF (U)	Top (T)	Rear (R)	Side	Cable
1/4	0.4	1.00	0.57	•	•	-	-	-	-	•	•	-	•
3/8	0.5	1.00	0.63	•	•	-	-	-	-	•	•	-	•
1/2	0.64	1.00	0.75	•	•	-	-	-	-	•	•	-	•
3/4	0.87	1.10	1.00	•	•	-	-	-	-	•	•	-	•