

Delay Line Transducers

RDT & PD



Features

- Single normal beam compression wave contact probe.
- Provide excellent near surface resolution.
- Circular lead metaniobate crystal.
- High damped for wide bandwidth.
- Rexolite Delayline.
- Special sizes, high temperature delay lines are available on request.

Frequent Applications

- Aerospace
- Bond Testing
- Composites
- Glass
- Brazed Joints
- Machined Parts
- Thickness
- Tube & Pipe

Transducer Models RDT		
RDT	f	∅
p/n	(MHz)	(")
PRDT501 (composite)	1	1/2
RDT2525	2.25	1/4
RDT5025	2.25	1/2
RDT1250	5	1/8
RDT2550	5	1/4
RDT5050	5	1/2
RDT1210	10	1/8
RDT2510	10	1/4
RDT5010	10	1/2
RDT1215	15	1/8
RDT2515	15	1/4
RDT1220	20	1/8
RDT2520	20	1/4

Transducer Models PD		
PD	f	∅
p/n	(MHz)	(")
PD2510	10	1/4
PD2515	15	1/4

Size Options	RDT			Connector Options RDT									
	Case Dimensions (")			Connector Type						Connector Position			
∅	A	B	C	BNC (B)	Lemo 1 (L)	Lemo 00 (Z)	Microdot (D)	Subvis (S)	UHF (U)	Top (T)	Rear (R)	Side	Cable
1/8	1.00	0.51	0.40	-	-	-	•	-	-	•	-	•	-
1/4	1.00	0.51	0.51	-	-	-	•	-	-	•	-	•	-
1/2	1.55	0.77	0.77	-	-	-	•	-	-	•	-	•	-

Standard replacement delay tips are available in packs of three - DT12 / DT25 / DT50