

Micro Miniature Angle Beam Potted

MMAP & PMMAP

Features

- Single angle beam shear wave contact probe.
- Rectangular, lead metaniobate crystal.
- Medium damped for medium bandwidth.
- Miniature Integral wedge angle.

Frequent Applications

- Aerospace & Composites
- Critical Welds

Transducer Models				
MMAP		f	Θ	a x b
p/n		(MHz)	(°)	(")
MMAP1212545	PMMAP1212545	5	45	1/8 x 1/8
MMAP1212560	PMMAP1212560	5	60	1/8 x 1/8
MMAP1212570	PMMAP1212570	5	70	1/8 x 1/8
MMAP1818545	PMMAP1818545	5	45	3/16 x 3/16
MMAP1818560	PMMAP1818560	5	60	3/16 x 3/16
MMAP1818570	PMMAP1818570	5	70	3/16 x 3/16
MMAP12121045	PMMAP12121045	10	45	1/8 x 1/8
MMAP12121060	PMMAP12121045	10	60	1/8 x 1/8
MMAP12121070	PMMAP12121045	10	70	1/8 x 1/8
MMAP18181045	PMMAP18181045	10	45	3/16 x 3/16
MMAP18181060	PMMAP18181060	10	60	3/16 x 3/16
MMAP18181070	PMMAP18181070	10	70	3/16 x 3/16

Size Options	MMAP & PMMAP			Connector Options MMAP & PMMAP									
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
1/8 x 1/8	0.4	0.4	0.3	-	-	-	•	-	-	•	•	-	-
3/16 x 3/16	0.6	0.6	0.5	-	-	-	•	-	-	•	•	-	-

Features

- Large Integral wedge angle beam transducer.
- Optional irrigation channels.

Large Angle Beam Potted

LAP & PLAP

Frequent Applications • Tube & Pipe • Critical Welds • General Welds

Transducer Models			
LAP	f	Θ	a x b
p/n	(MHz)	(°)	(")
LAP7510270	2	70	0.75 x 1
LAP7510545	2	45	0.75 x 1
LAP7510570	2	70	0.75 x 1
PLAP7510160	1	60	0.75 x 1
PLAP7510290	2	90	0.75 x 1
PLAP75103.545	3.5	45	0.75 x 1



Size Options	LAP			Connector Options LAP									
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 x 1	2.00	2.00	0.77	•	•	•	•	-	-	•	•	-	-