

Sirius - Medium & Large Angle Beam Shear Wave

MMA



Transducer Models				
type	f	Θ	a x b	N
p/n	(MHz)	(°)	(mm)	(mm)
MMA2-45	2	45	14 x 16	39
MMA2-60	2	60	14 x 16	39
MMA2-70	2	70	14 x 16	39
MMA4-45	4	45	14 x 16	78
MMA4-60	4	60	14 x 16	78
MMA4-70	4	70	14 x 16	78

Size Options		Connector Options												
Probe Size (mm)	Case Dimensions (mm)			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
14 x 16	41.0	21.0	29.0	-	-	•	-	-	-	-	-	•	-	-

Features

- Single angle beam shear wave contact probe.
- Rectangular, lead zirconate titanate crystal.
- Medium damped for medium bandwidth.
- European Standard transducer.

Frequent Applications

- Castings
- Ceramics
- Forgings
- Machined Parts
- Tube & Pipe
- General Welds
- Critical Welds

LMA



Transducer Models				
type	f	Θ	a x b	N
p/n	(MHz)	(°)	(mm)	(mm)
LMA2-45	2	45	20 x 22	90
LMA2-60	2	60	20 x 22	90
LMA2-70	2	70	20 x 22	90
LMA4-45	4	45	20 x 22	180
LMA4-60	4	60	20 x 22	180
LMA4-70	4	70	20 x 22	180

Size Options		Connector Options												
Probe Size (mm)	Case Dimensions (mm)			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
20 x 22	53.5	29.0	44.0	-	-	•	-	-	-	-	-	•	-	-