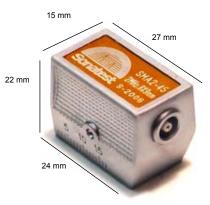
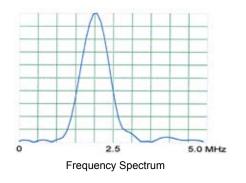
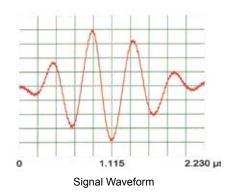
Category	Soll Ref	Tolerance	Dimension
Test Frequency	2	±0.1	MHz
Relative Bandwidth @-6dB	40	±10	%
Near Field Length	15	±2.3	mm
Focal width Vertical @-6dB	+2.0/-1.7	±0.3	mm
Focal width Horiz. @-6dB	1.2	±0.04	mm
Transducer dimensions	8 x 9	- 0.1	mm x mm
Effective Transducer Dims	7.7 x 8.6	±0.2	mm x mm
Beam Angle	45	±2	Grad/degree
Temperature Dependance	0.6	±0.1	Grad/deg/ 10 °C
Delay path (2730 m/s)	6.5	±1	mm
Squint Angle	0	±0.8	Grad/degree
Offset	0	±0.1	mm
Probe Index	12	±2	mm
Angle of Divergence (Vert)	+7.5/-6.5	±1	Grad/degree
Angle of Divergence (Horiz)	4.6	±0.6	Grad/degree
Wear Allowance	2		mm
Point pressure resistance	100		N
Working Temp. Range	-20 - +60		°C
Short duration Temperature	150		∘C
S _{rel}	-52	±3	dB
s_0	7	±3.5	mm
S ₂₀	18	±9	mm
S ₄₀	35	±17.5	mm
t _o	0		mm
t ₂₀	10	±5	mm
t ₄₀	25	±12.5	mm
$e_{\scriptscriptstyle{0}}$	8	±4	mm
e ₂₀	14	±7	mm
r_0	5	±2.5	mm
r ₂₀	10	±5	mm
Weight	32 g		
Connector	Lemo 00		





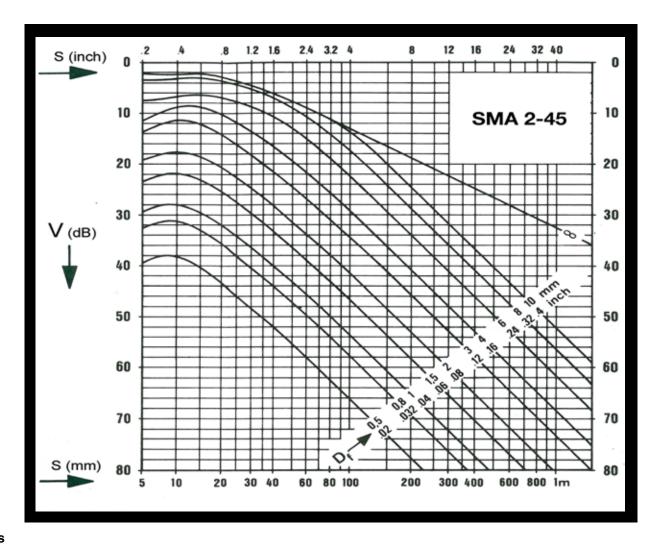




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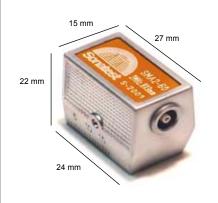


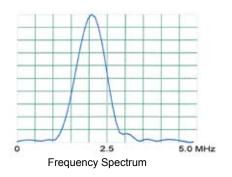
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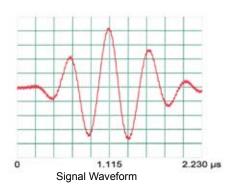
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Test Frequency	2	±0.1	MHz
Relative Bandwidth @-6dB	40	±10	%
Near Field Length	15	±2.3	mm
Focal width Vertical @-6dB	2.1	±0.3	mm
Focal width Horiz. @-6dB	1.2	±0.04	mm
Transducer dimensions	8 x 9	- 0.1	mm x mm
Effective Transducer Dims	7.7 x 8.6	±0.2	mm x mm
Beam Angle	60	±2.5	Grad/degree
Temperature Dependance	0.7	±0.1	Grad/deg/ 10 °C
Delay path (2730 m/s)	7	±1	mm
Squint Angle	0.8		Grad/degree
Offset	1		mm
Probe Index	±2		mm
Angle of Divergence (Vert)	+8	±1	Grad/degree
Angle of Divergence (Horiz)	4.6	±0.6	Grad/degree
Wear Allowance	2		mm
Point pressure resistance	100		N
Working Temp. Range	-20 - +60		°C
Short duration Temperature	150		°C
V _r	85	±6	dB
S_0	3	±1.5	mm
S ₂₀	15	±7.5	mm
S ₄₀	27	±13.5	mm
t _o	0	-	mm
t ₂₀	10	±5	mm
t ₄₀	24	±12	mm
e_0	8	±4	mm
e ₂₀	14	±7	mm
r_0	5	±2.5	mm
r ₂₀	10	±5	mm





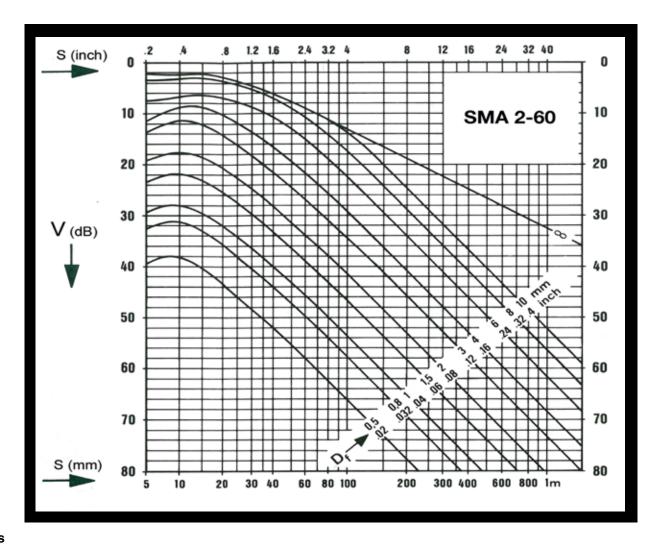




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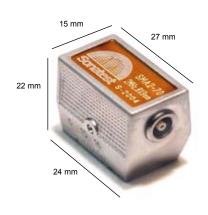
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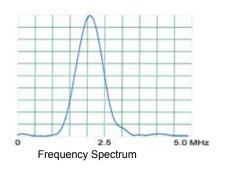


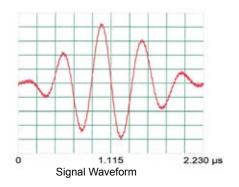
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Test Frequency	2	±0.1	MHz
Relative Bandwidth @-6dB	40	±10	%
Near Field Length	15	±2.3	mm
Focal width Vertical @-6dB	+2.4/-2.0	±0.3	mm
Focal width Horiz. @-6dB	1.2	±0.04	mm
Transducer dimensions	8 x 9	- 0.1	mm x mm
Effective Transducer Dims	7.7 x 8.6	±0.2	mm x mm
Beam Angle	70	±3	Grad/degree
Temperature Dependance	0.7	±0.1	Grad/deg/ 10 °C
Delay path (2730 m/s)	8	±1	mm
Squint Angle	0.8	-	Grad/degree
Offset	1	-	mm
Probe Index	±2	-	mm
Angle of Divergence (Vert)	+9/-7.5	±1	Grad/degree
Angle of Divergence (Horiz)	4.6	±0.6	Grad/degree
Wear Allowance	2	-	mm
Point pressure resistance	100	-	N
Working Temp. Range	-20 - +60	-	°C
Short duration Temperature	150	-	°C
$V_{\rm r}$	81	±6	dB
S_0	10	±5	mm
S ₂₀	25	±12.5	mm
S ₄₀	_	-	mm
t _o	2	±1	mm
t ₂₀	17	±8.5	mm
t ₄₀	35	±17.5	mm
e_0	8	±4	mm
e ₂₀	14	±7	mm
r_0	5	±2.5	mm
r ₂₀	10	±5	mm





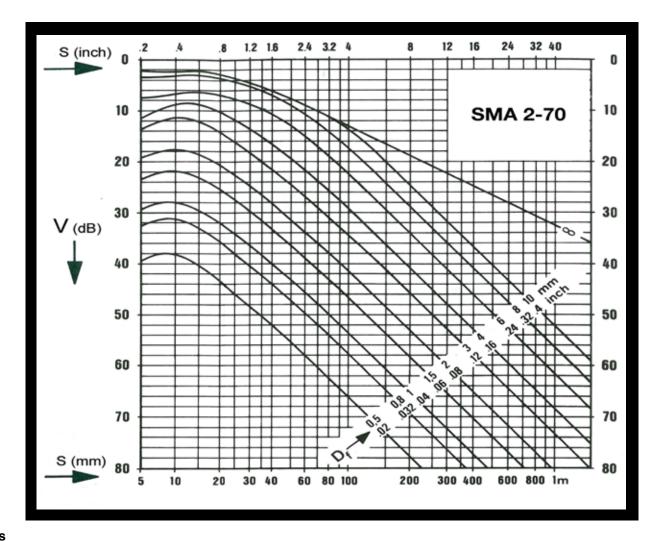




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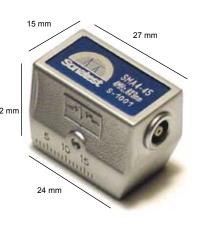


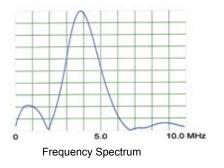
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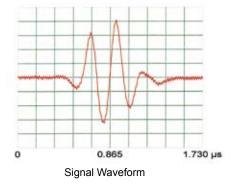
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Test Frequency	4	±0.2	MHz
Relative Bandwidth @-6dB	40	±10	%
Near Field Length	30	±3.3	mm
Focal width Vertical @-6dB	2.1	±0.2	mm
Focal width Horiz. @-6dB	1.2	±0.04	mm
Transducer dimensions	8 x 9	- 0.1	mm x mm
Effective Transducer Dims	7.7 x 8.6	±0.2	mm x mm
Beam Angle	45	±1.5	Grad/degree
Temperature Dependance	0.6	±0.1	Grad/deg/ 10 °C
Delay path (2730 m/s)	6	±1	mm
Squint Angle	0.8		Grad/degree
Offset	1		mm
Probe Index	±2		mm
Angle of Divergence (Vert)	+4	±0.4	Grad/degree
Angle of Divergence (Horiz)	2.3	±0.1	Grad/degree
Wear Allowance	2		mm
Point pressure resistance	100		N
Working Temp. Range	-20 - +60		⊙
Short duration Temperature	150		⊙
$V_{\rm r}$	87	±6	dB
s_0	0		mm
S ₂₀	5	±2.5	mm
S ₄₀	17	±8.5	mm
t_{o}	0	-	mm
t ₂₀	3	±1.5	mm
t ₄₀	12	±6	mm
e_0	3	±1.5	mm
e ₂₀	5	±2.5	mm
r _o	2	±1	mm
r ₂₀	4	±2	mm





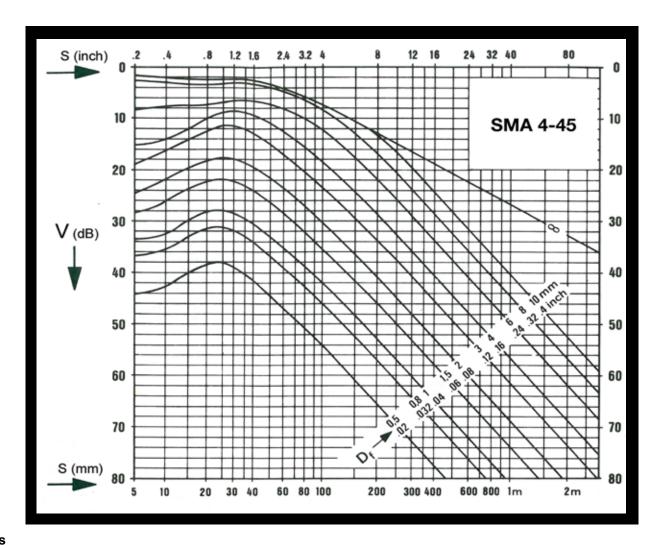




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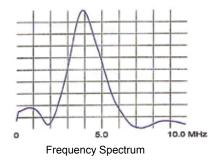
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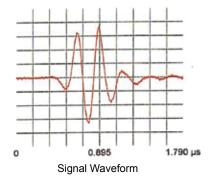
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Focal width Horiz. @-6dB	1.2	±0.04	mm
Transducer dimensions	8 x 9	- 0.1	mm x mm
Effective Transducer Dims	7.7 x 8.6	±0.2	mm x mm
Beam Angle	60	±2	Grad/degree
Temperature Dependance	0.7	±0.1	Grad/deg/ 10 °C
Delay path (2730 m/s)	7	±1	mm
Squint Angle	0.8		Grad/degree
Offset	1		mm
Probe Index	±2		mm
Angle of Divergence (Vert)	+4.8	±0.6	Grad/degree
Angle of Divergence (Horiz)	2.3	±0.1	Grad/degree
Wear Allowance	2		mm
Point pressure resistance	100		N
Working Temp. Range	-20 - +60		∘C
Short duration Temperature	150		∘C
$V_{\rm r}$	86	±6	dB
S_0	0		mm
S ₂₀	4	±2	mm
S ₄₀	10	±5	mm
to	0	-	mm
t ₂₀	2	±1	mm
t ₄₀	7	±3.5	mm
e_0	3	±1.5	mm
e ₂₀	5	±2.5	mm
r_0	2	±1	mm
r ₂₀	4	±2	mm





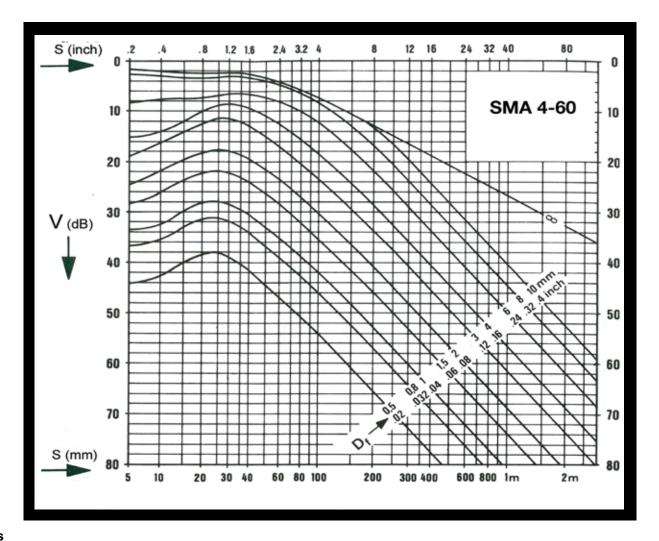




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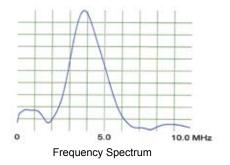
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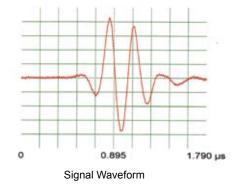
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Focal width vertical @-6dB	2.9	±0.4	mm
Focal width Horizontal @-6dB	1.2	±0.04	mm
Transducer dimensions	8 x 9	- 0.1	mm x mm
Effective Transducer Dims	7.7 x 8.6	±0.2	mm x mm
Beam Angle	70	±2	Grad/degree
Temperature Dependance	0.7	±0.1	Grad/degree/ 10 °C
Delay path (2730 m/s)	8.5	±1	mm
Squint Angle	0.8		Grad/degree
Offset	1		mm
Wear Allowance	2		mm
Point Pressure Resistance	100		N
Working Temp Range	-20 - 60		°C
Short duration temp range	150		°C
S_0	4		mm
S ₂₀	7	±3.5	mm
S ₄₀	12	±6	mm
t _o	2	±1	mm
t ₂₀	3	±1.5	mm
t ₄₀	10	±5	mm
e _o	3	±1.5	mm
e ₂₀	5	±2.5	mm
r _o	2	±1	mm
r ₂₀	4	±2	mm
Weight	180 g		
Connector	Lemo 00		





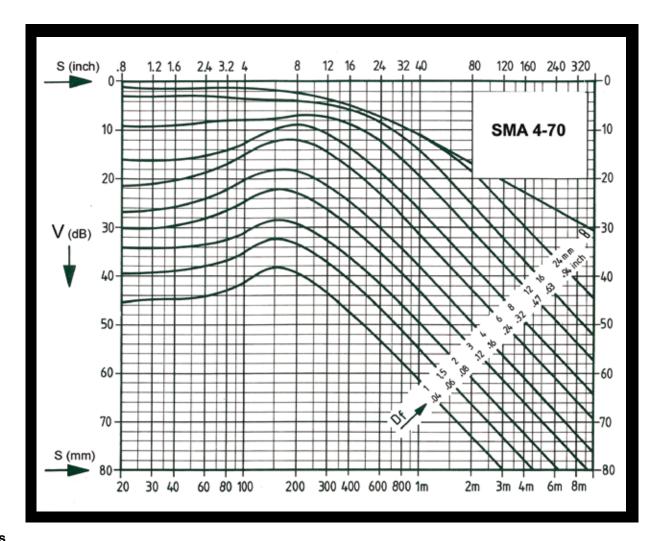




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