

SLM/PSLM - Straight Beam Transducers

- SLM Medium Damped
- PSLM High Damped Composite Crystals

Features

- Single normal beam compression wave contact transducer
- Medium Damped lead metaniobate crystal or
- High Damped Piezo Composite crystal
- Max operating temperature 50°C / 120°F
- Hard ceramic wear face for higher durability

Common Applications

- Plate
- Castings
- Forgings



SLM with Lead Metaniobate Crystals				
Product Code	Description	Frequency (MHz)	Crystal Diameter (mm / Inches)	Nearfield Length in Steel (mm / Inches)
SLM5025	2.25MHz 1/2" SC M.Damped	2.25	1/2"	15.2mm / 0.598"
SLM7525	2.25MHz 3/4" SC M.Damped	2.25	3/4"	34.1mm / 1.343"
SLM1025	2.25MHz 1" SC M.Damped	2.25	1"	60.9mm / 2.398"
SLM5050	5MHz 1/2" SC M.Damped	5.0	1/2"	33.8mm / 1.331"
SLM7550	5MHz 3/4" SC M.Damped	5.0	3/4"	75.7mm / 2.98"
SLM1050	5MHz 1" SC M.Damped	5.0	1"	135.3mm / 5.327"

PSLM – with Piezo Composite				
Product Code	Description	Frequency (MHz)	Diameter	Nearfield Length in Steel (mm / Inches)
PSLM50.5	0.5MHz 1/2" SC H.Damped	0.5	1/2"	3.4mm / 0.134"
PSLM10.5	0.5MHz 1" SC H.Damped	0.5	1"	13.5mm / 0.531"
PSLM501	1MHz 1/2" SC H.Damped	1	1/2"	6.8mm / 0.268"
PSLM751	1MHz 3/4" SC H.Damped	1	3/4"	15.1mm / 0.594"
PSLM101	1MHz 1" SC H.Damped	1	1"	27.1mm / 1.067"
PSLM5025	2.25MHz 1/2" SC H.Damped	2.25	1/2"	15.2mm / 0.598"
PSLM1025	2.25MHz 1" SC H.Damped	2.25	1"	60.9mm / 2.398"
PSLM503.5	2.25MHz 1/2" SC H.Damped	3.5	1/2"	23.7mm / 0.933"
PSLM5050	5MHz 1/2" SC H.Damped	5	1/2"	33.8mm / 1.331"
PSLM1050	5MHz 1" SC H.Damped	5	1"	135.3mm / 5.327"

Contact at ndtsupply.com | 913 685 6075

NDT Supply.com, Inc.

7952 Nieman Road
Lenexa, KS 66214-1560 USA

Phone: 913-685-0675, Fax: 913-685-1125
e-mail: sales@ndtsupply.com, www.ndtsupply.com



Case Dimensions and Details

Transducer Version Crystal size	Width/Diameter (mm / Inches)	Height (mm / Inches)	Connector Options	Position Options
10mm / 3/8"	21mm / 0.827"	19mm / 0.748"	BNC, Lemo1 or Lemo 00	Side
12.7mm / 1/2"	26mm / 1.024"	24mm / 0.945"	BNC, Lemo1 or Lemo 00	Side
19mm / 3/4"	36mm / 1.417"	34mm / 1.339"	BNC, Lemo1 or Lemo 00	Side
25.4mm / 1"	36mm / 1.417"	34mm / 1.339"	BNC, Lemo1 or Lemo 00	Side

NDT Supply.com, Inc.

7952 Nieman Road
Lenexa, KS 66214-1560 USA

Phone: 913-685-0675, Fax: 913-685-1125
e-mail: sales@ndtsupply.com, www.ndtsupply.com

