

Sonatest Phased Array
Probe - Wedge - Cables & Acc.
New Offering Update
December 2017



Simplicity | Capability | Reliability

1 New Products Introduction

Along with the update on the description and matching system, new products are also introduced with this update:

X0 - Low Profile probes (fits in between pipes) with focused elements to optimize detection of defects into the welds of small-diameter pipes. Has to be used with small pipe circumferential weld scanners.



X3-Glider - Compact Linear Scan (paired with the X3 probes series) Made out of same WP2 material, its 25mm rubber delay line makes it the perfect solution for linear scanning on a small composite areas.



DLA - Stainless Steel Hi-Resolution Solution is a new DAAH phased array probe packaged in Dual Linear Array configuration to benefit from the low noise advantage of a P&C design and the focussing and steering capabilities of the PA beam forming. Paired with veo+ low noise system, higher frequencies (up to 7.5MHz) for better resolution inspection is now achievable for stainless steel challenges.



The **Quick I-PEX (QX)** connector is now the new standard connector for all Sonatest Phased Array equipment.



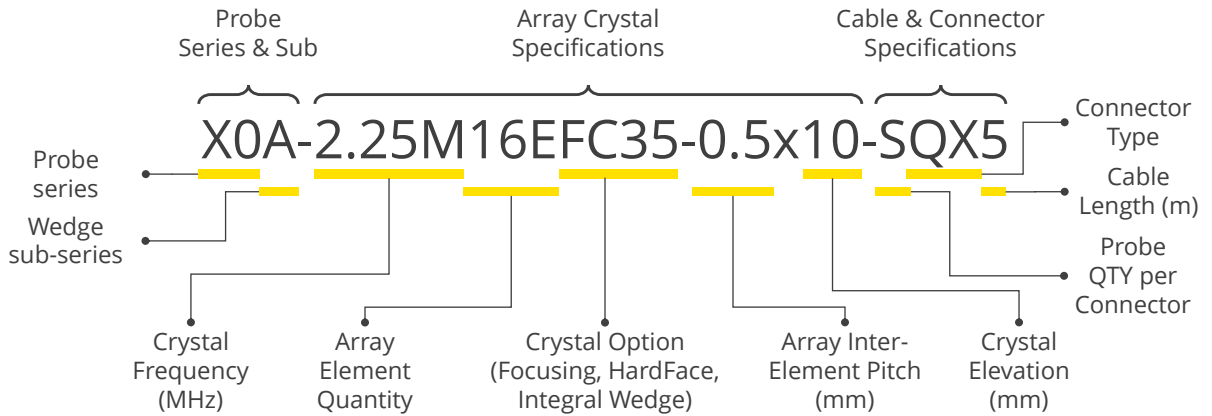
2 New probe description and part # system

Sonatest is revamping the Phased Array probe, wedge, cable and accessories part description and part numbering system in 2017; mainly to harmonize all the X series and DAAH series product description and to better reflect the probe vs. wedge footprint match compatibility.

- Probes and wedges will now have a unique part # in the Sonatest system.
- Probes and wedges will be engraved with both part # and description.
- The probe and wedge part description will remain the technical reference for both the end-user and the embedded or PC software database.
- The probe and wedge part # will be mainly used for commercial paper works and engineering database.
- Since the part # will now have less than 20 digits it
 - Will conform to the Sonatest Navision ERP system structure
 - Will help to accelerate research
 - Will help to avoid typo errors when ordering

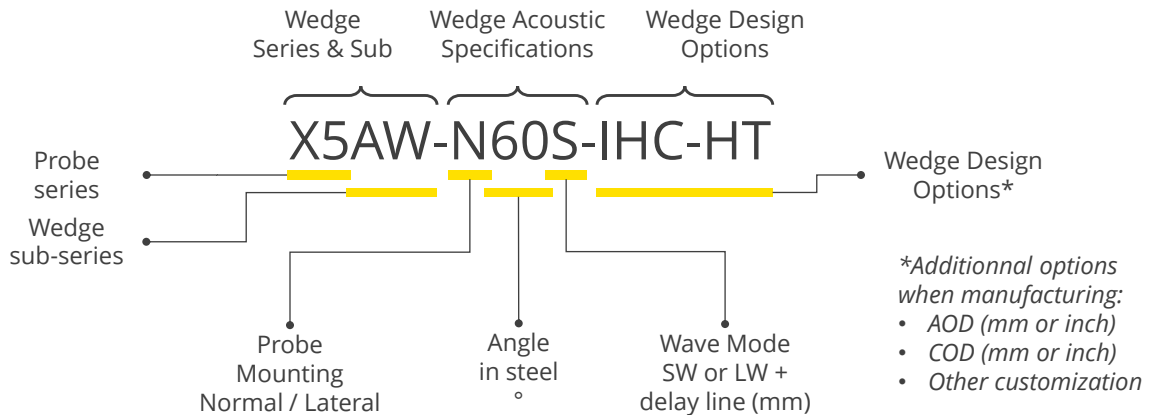
Sonatest PA Transducers New Standard Description

series & sub unique part #
X0A-999



Sonatest PA Wedges New Standard Description

series & sub unique part #
X5AW-999





X PHASED ARRAY PROBES													
Part #	Navision 1st line description (for Navision & MKT)	Old Part # (for reference)	Probe family	Sub-fam A/B/C...	Freq. MHz	Elem. Qty	Elev. mm	Pitch mm	Apert. mm	Probe QTY (S, D)	Connector QX, IX, HY	Length m	Custom (FC, SW)
X0	Low Profile												
X0A-001	X0A-2.25M16EFC35-0.5x10-SQX5	new low profile probes	X0	A	2.25	16	10	0.5	8	S	QX	5	FC35
X0A-002	X0A-5M16EFC35-0.5x10-SQX5	new low profile probes	X0	A	5	16	10	0.5	8	S	QX	5	FC35
X0A-003	X0A-7.5M16EFC35-0.5x10-SQX5	new low profile probes	X0	A	7.5	16	10	0.5	8	S	QX	5	FC35
X0A-004	X0A-10M16EFC35-0.5x10-SQX5	new low profile probes	X0	A	10	16	10	0.5	8	S	QX	5	FC35
X0A-005	X0A-10M32EFC35-0.25x10-SQX5	new low profile probes	X0	A	10	32	10	0.25	8	S	QX	5	FC35
X1	Miniature Phased Array												
X1A-001	X1A-5M10E-0.6x5-SQX2.5	X1PE5.0M10E0.6PIX250	X1	A	5	10	5	0.6	6	S	QX	2.5	
X1A-002	X1A-10M10E-0.6x5-SQX2.5	X1PE10M10E0.6PIX250	X1	A	10	10	5	0.6	6	S	QX	2.5	
X1A-003	X1A-5M10E-0.6x5-SQX5	X1PE5.0M10E0.6PIX500	X1	A	5	10	5	0.6	6	S	QX	5	
X1A-004	X1A-10M10E-0.6x5-SQX5	X1PE10M10E0.6PIX500	X1	A	10	10	5	0.6	6	S	QX	5	
X1B-001	X1B-10M16E-0.3x5-SQX2.5	X1PE10M16E0.3PIX250	X1	B	10	16	5	0.3	4.8	S	QX	2.5	
X1B-002	X1B-10M16E-0.3x5-SQX5	X1PE10M16E0.3PIX500	X1	B	10	16	5	0.3	4.8	S	QX	5	
X2	Compact Sectorial Scan												
X2A-002	X2A-5M16E-0.6x10-SQX2.5	X2PE5.0M16E0.6PIX250	X2	A	5	16	10	0.6	9.6	S	QX	2.5	
X2A-003	X2A-7.5M16E-0.6x10-SQX2.5	X2PE7.5M16E0.6PIX250	X2	A	7.5	16	10	0.6	9.6	S	QX	2.5	
X2A-004	X2A-10M16E-0.6x10-SQX2.5	X2PE10M16E0.6PIX250	X2	A	10	16	10	0.6	9.6	S	QX	2.5	
X2A-005	X2A-10M32E-0.3x10-SQX2.5	X2PE10M32E0.3PIX250	X2	A	10	32	10	0.3	9.6	S	QX	2.5	
X2A-006	X2A-5M16E-0.6x10-SQX5	X2PE5.0M16E0.6PIX500	X2	A	5	16	10	0.6	9.6	S	QX	5	
X2A-007	X2A-7.5M16E-0.6x10-SQX5	X2PE7.5M16E0.6PIX500	X2	A	7.5	16	10	0.6	9.6	S	QX	5	
X2A-008	X2A-10M16E-0.6x10-SQX5	X2PE10M16E0.6PIX500	X2	A	10	16	10	0.6	9.6	S	QX	5	
X2A-009	X2A-10M32E-0.3x10-SQX5	X2PE10M32E0.3PIX500	X2	A	10	32	10	0.3	9.6	S	QX	5	
X2B-001	X2B-5M32E-0.6x10-SQX2.5	X2PE5.0M32E0.6PIX250	X2	B	5	32	10	0.6	19.2	S	QX	2.5	
X2B-002	X2B-7.5M32E-0.6x10-SQX2.5	X2PE7.5M32E0.6PIX250	X2	B	7.5	32	10	0.6	19.2	S	QX	2.5	
X2B-003	X2B-5M32E-0.6x10-SQX5	X2PE5.0M32E0.6PIX500	X2	B	5	32	10	0.6	19.2	S	QX	5	



PHASED ARRAY PROBES													
Part #	Navision 1st line description (for Navision & MKT)	Old Part # (for reference)	Probe family	Sub-fam A/B/C...	Freq. MHz	Elem. Qty	Elev. mm	Pitch mm	Apert. mm	Probe QTY (S, D)	Connector QX, IX, HY	Length m	Custom (FC, SW)
X3 Sectorial & Linear Scan													
X3A-001	X3A-2.25M48E-0.8x10-SQX2.5	X3PE2.2M48E0.8PIX250	X3	A	2.25	48	10	0.8	38.4	S	QX	2.5	
X3A-002	X3A-3.5M64E-0.6x10-SQX2.5	X3PE3.5M64E0.6PIX250	X3	A	3.5	64	10	0.6	38.4	S	QX	2.5	
X3A-003	X3A-5M64E-0.6x10-SQX2.5	X3PE5.0M64E0.6PIX250	X3	A	5	64	10	0.6	38.4	S	QX	2.5	
X3A-004	X3A-10M64E-0.6x10-SQX2.5	X3PE10M64E0.6PIX250	X3	A	10	64	10	0.6	38.4	S	QX	2.5	
X3A-005	X3A-2.25M48E-0.8x10-SQX5	X3PE2.2M48E0.8PIX500	X3	A	2.25	48	10	0.8	38.4	S	QX	5	
X3A-006	X3A-3.5M64E-0.6x10-SQX5	X3PE3.5M64E0.6PIX500	X3	A	3.5	64	10	0.6	38.4	S	QX	5	
X3A-007	X3A-5M64E-0.6x10-SQX5	X3PE5.0M64E0.6PIX500	X3	A	5	64	10	0.6	38.4	S	QX	5	
X3A-008	X3A-10M64E-0.6x10-SQX5	X3PE10M64E0.6PIX500	X3	A	10	64	10	0.6	38.4	S	QX	5	
X4 Small Integral Wedge													
X4Z-001	X4Z-2M8E-N50S-1x9-SQX2.5	X4PE2M8E1.0P35WIX250	X4	Z	2	8	9	1	8	S	QX	2.5	-N50S
X4Z-002	X4Z-4M16E-N50S-0.5x9-SQX2.5	X4PE4M16E05P35WIX250	X4	Z	4	16	9	0.5	8	S	QX	2.5	-N50S
X4Z-003	X4Z-2M8E-N50S-1x9-SQX5	X4PE2M8E1.0P35WIX500	X4	Z	2	8	9	1	8	S	QX	5	-N50S
X4Z-004	X4Z-4M16E-N50S-0.5x9-SQX5	X4PE4M16E05P35WIX500	X4	Z	4	16	9	0.5	8	S	QX	5	-N50S
X5 Deep Penetration (AWS/Hi-Temp)													
X5A-001	X5A-2.25M16E-1x16-SQX2.5	X5PE2.2M16E1.0PIX250	X5	A	2.25	16	16	1	16	S	QX	2.5	
X5A-002	X5A-5M16E-1x16-SQX2.5	X5PE5.0M16E1.0PIX250	X5	A	5	16	16	1	16	S	QX	2.5	
X5A-003	X5A-2.25M16EHF-1x16-SQX2.5	X5PE2.2M16E1.0PIX25H (HardF)	X5	A	2.25	16	16	1	16	S	QX	2.5	HF
X5A-004	X5A-5M16EHF-1x16-SQX2.5	X5PE5.0M16E1.0PIX25H (HardF)	X5	A	5	16	16	1	16	S	QX	2.5	HF
X5A-005	X5A-2.25M16E-1x16-SQX5	X5PE2.2M16E1.0PIX500	X5	A	2.25	16	16	1	16	S	QX	5	
X5A-006	X5A-5M16E-1x16-SQX5	X5PE5.0M16E1.0PIX500	X5	A	5	16	16	1	16	S	QX	5	
X5A-007	X5A-2.25M16EHF-1x16-SQX5	X5PE2.2M16E1.0PIX50H (HardF)	X5	A	2.25	16	16	1	16	S	QX	5	HF
X5A-008	X5A-5M16EHF-1x16-SQX5	X5PE5.0M16E1.0PIX50H (HardF)	X5	A	5	16	16	1	16	S	QX	5	HF
X6 Large Linear Scan													
X6A-001	X6A-3.5M128E-0.75x10-SQX2.5	X6PE35M128E0.75IX250	X6	A	3.5	128	10	0.75	96	S	QX	2.5	
X6A-002	X6A-5M128E-0.75x10-SQX2.5	X6PE5M128E0.75PIX250	X6	A	5	128	10	0.75	96	S	QX	2.5	
X6A-003	X6A-3.5M128E-0.75x10-SQX5	X6PE35M128E0.75IX500	X6	A	3.5	128	10	0.75	96	S	QX	5	
X6A-004	X6A-5M128E-0.75x10-SQX5	X6PE5M128E0.75PIX500	X6	A	5	128	10	0.75	96	S	QX	5	



PHASED ARRAY PROBES													
Part #	Navision 1st line description (for Navision & MKT)	Old Part # (for reference)	Probe family	Sub-fam A/B/C...	Freq. MHz	Elem. Qty	Elev. mm	Pitch mm	Apert. mm	Probe QTY (S, D)	Connector QX, IX, HY	Length m	Custom (FC, SW)
DAAH 1A	High Performance												
D1A-001	D1A-2.25M20E-1.2x12	T1-PE-2.25M20E1.2P	D1	A	2.25	20	12	1.2	24				
D1A-002	D1A-5M32E-0.8x12	T1-PE-5.0M32E0.8P	D1	A	5	32	12	0.8	25.6				
D1A-003	D1A-7.5M44E-0.6x12	T1-PE-7.5M44E0.6P	D1	A	7.5	44	12	0.6	26.4				
D1A-004	D1A-2.25M20EHF-1.2x12	T1-PE-2.25M20E1.2P HardFace	D1	A	2.25	20	12	1.2	24				HF
D1A-005	D1A-5M32EHF-0.8x12	T1-PE-5.0M32E0.8P HardFace	D1	A	5	32	12	0.8	25.6				HF
D1A-006	D1A-7.5M44EHF-0.6x12	T1-PE-7.5M44E0.6P HardFace	D1	A	7.5	44	12	0.6	26.4				HF
DAAH 1B	Dual Linear Array for Stainless Steel												
D1B-001	D1B-2.25M20E-1.2x12	new (DLA for P&C)	D1	A	2.25	20	12	1.2	24				0
D1B-002	D1B-5M32E-0.8x12	new (DLA for P&C)	D1	A	5	32	12	0.8	25.6				
D1B-003	D1B-7.5M44E-0.6x12	new (DLA for P&C)	D1	A	7.5	44	12	0.6	26.4				
DAAH 1Z	High Performance Integral Wedge												
D1Z-001	D1Z-2.25M19E-N48L-1.2x12	T1PE2.25M19E1.2P17W	D1	Z	2.25	19	12	1.2	22.8				-N48L
D1Z-002	D1Z-2.25M14E-N53S-1.2x12	T1PE2.25M14E1.2P35W	D1	Z	2.25	14	12	1.2	16.8				-N53S
D1Z-003	D1Z-5M26E-N48L-0.8x12	T1PE5.0M26E0.8P17W	D1	Z	5	26	12	0.8	20.8				-N48L
D1Z-004	D1Z-5M22E-N53S-0.8x12	T1PE5.0M22E0.8P35W	D1	Z	5	22	12	0.8	17.6				-N53S
D1Z-005	D1Z-7.5M40E-N48L-0.6x12	T1PE7.5M40E0.6P17W	D1	Z	7.5	40	12	0.6	24				-N48L
D1Z-006	D1Z-7.5M30E-N53S-0.6x12	T1PE7.5M30E0.6P35W	D1	Z	7.5	30	12	0.6	18				-N53S
DAAH 5	High Performance Linear Scan												
D5A-001	D5A-5M64E-0.8x12	T5-PE-5.0M64E0.8P	D5	A	5	64	12	0.8	51.2				
PHASED ARRAY PROBES													
Part #	Navision 1st line description (for Navision & MKT)	Old Part # (for reference)	Probe family	Sub-fam A/B/C...	Freq. MHz	Elem. Qty	Elev. mm	Pitch mm	Apert. mm	Probe QTY (S, D)	Connector QX, IX, HY	Length m	Custom (FC, SW)
WP2	WheelProbe 2												
WP2-10MHZ-64E	WP2 10Mhz 64 Element Buggy	WP2-10MHZ-64E	WP2	0	10	64	6.4	0.8	51.2				
WP2-2MHZ-64E	WP2 2Mhz 64 Element Buggy	WP2-2MHZ-64E	WP2	0	2	64	6.4	0.8	51.2				
WP2-3.5MHZ-64E	WP2 3.5Mhz 64 Element Buggy	WP2-3.5MHZ-64E	WP2	0	3.5	64	6.4	0.8	51.2				
WP2-5MHZ-64E	WP2 5Mhz 64 Element Buggy	WP2-5MHZ-64E	WP2	0	5	64	6.4	0.8	51.2				
AWP-128E	WheelProbe XL												
AWP-02-128-08-05-O	Array WP 2MHz 100mm Omniscan	AWP-02-128-08-05-O	AWP	0	2	128	6.4	0.8	102.4	S	IX-OMN	5	
AWP-02-128-08-05-V	Array WP 2MHz 100mm VEO	AWP-02-128-08-05-V	AWP	0	2	128	6.4	0.8	102.4	S	IX-VEO	5	
AWP-05-128-08-05-C	Array WP 5MHz 100mm Canon	AWP-05-128-08-05-C	AWP	0	5	128	6.4	0.8	102.4	S	IX-C	5	
AWP-05-128-08-05-O	Array WP 5MHz 100mm Omniscan	AWP-05-128-08-05-O	AWP	0	5	128	6.4	0.8	102.4	S	IX-OMN	5	
AWP-05-128-08-05-V	Array WP 5MHz 100mm VEO	AWP-05-128-08-05-V	AWP	0	5	128	6.4	0.8	102.4	S	IX-VEO	5	



PHASED ARRAY PROBES													
Part #	Navision 1st line description (for Navision & MKT)	Old Part # (for reference)	Probe family	Sub-fam A/B/C...	Freq. MHz	Elem. Qty	Elev. mm	Pitch mm	Apert. mm	Probe QTY (S, D)	Connector QX, IX, HY	Length m	Custom (FC, SW)
WHEELPROBE	PHASED ARRAY PROBES												
LFWP	Low Frequency WheelProbe XL												
LFWP-0.5-50-2-05-C	Low Frequency WP 0.5Mhz C	LFWP-0.5-50-2-05-C	LFWP	0	0.5	50	16	2	100	S	CN-RS+	5	
LFWP-0.5-50-2-05-O	Low Frequency WP 0.5Mhz OMNI	LFWP-0.5-50-2-05-O	LFWP	0	0.5	50	16	2	100	S	IX-OMN	5	
LFWP-0.5-50-2-05-V	Low Frequency WP 0.5Mhz VEO	LFWP-0.5-50-2-05-V	LFWP	0	0.5	50	16	2	100	S	IX-VEO	5	
LFWP-0.5-50-2-05-X	Low Frequency WP 0.5Mhz VEO/OMNI	LFWP-0.5-50-2-05-X	LFWP	0	0.5	50	16	2	100	S	IX-OMN-VEO	5	
LFWP-1.0-50-2-05-C	Low Frequency WP 1.0Mhz RS+	LFWP-1.0-50-2-05-C	LFWP	0	1	50	16	2	100	S	CN-RS+	5	
LFWP-1.0-50-2-05-O	Low Frequency WP 1.0Mhz OMNI	LFWP-1.0-50-2-05-O	LFWP	0	1	50	16	2	100	S	IX-OMN	5	
LFWP-1.0-50-2-05-V	Low Frequency WP 1.0Mhz VEO	LFWP-1.0-50-2-05-V	LFWP	0	1	50	16	2	100	S	IX-VEO	5	
* A single element WheelProbe version is also available in 2 MHz, 5 MHz and 10 MHz frequencies.													
PHASED ARRAY PROBES													
Part #	Navision 1st line description (for Navision & MKT)	Old Part # (for reference)	Probe family	Sub-fam A/B/C...	Freq. MHz	Elem. Qty	Elev. mm	Pitch mm	Apert. mm	Probe QTY (S, D)	Connector QX, IX, HY	Length m	Custom (FC, SW)
Stringer Probe	Stringer Probe												
ASP-02-64-08-05-V	Array Stringer Probe 2M-64E VEO	ASP-02-64-08-05-V	ASP	0	2	64	6.4	0.8	51.2	S	IX-VEO	5	
ASP-05-64-08-05-C	Array Stringer probe 5M-64E RS+	ASP-05-64-08-05-C	ASP	0	5	64	6.4	0.8	51.2	S	CN-RS+	5	
ASP-05-64-08-05-O	Array Stringer Probe 5M-64E OMNI	ASP-05-64-08-05-O	ASP	0	5	64	6.4	0.8	51.2	S	IX-OMN	5	
ASP-05-64-08-05-V	Array Stringer Probe 5M-64E VEO	ASP-05-64-08-05-V	ASP	0	5	64	6.4	0.8	51.2	S	IX-VEO	5	
ASP-10-64-08-05-C	Array Stringer Probe 10M-64E RS+	ASP-10-64-08-05-C	ASP	0	10	64	6.4	0.8	51.2	S	CN-RS+	5	
ASP-10-64-08-05-O	Array Stringer Probe 10M-64E OMNI	ASP-10-64-08-05-O	ASP	0	10	64	6.4	0.8	51.2	S	IX-OMN	5	
ASP-10-64-08-05-V	Array Stringer Probe 10M-64E VEO	ASP-10-64-08-05-V	ASP	0	10	64	6.4	0.8	51.2	S	IX-VEO	5	
ASP-05-112-08-05-C	Array Stringer Probe 5M-64E RS+	ASP-05-112-08-05-C	ASP	0	5	112	6.4	0.8	89.6	S	CN-RS+	5	
ASP-05-112-08-05-O	Array Stringer Probe 5M-64E OMNI	ASP-05-112-08-05-O	ASP	0	5	112	6.4	0.8	89.6	S	IX-OMN	5	
ASP-05-112-08-05-V	Array Stringer Probe 5MM-64E VEO	ASP-05-112-08-05-V	ASP	0	5	112	6.4	0.8	89.6	S	IX-VEO	5	
Bubbler Probe	Sliding Bubbler Probe												
ABP-05-44-08-05-C	Array Bubbler Probe 5M-44E RS+	ABP-05-44-08-05-C	ABP	0	5	44	6.4	0.8	35.2	S	CN-RS+	5	
ABP-05-44-08-05-O	Array Bubbler Probe 5M-44E OMNI	ABP-05-44-08-05-O	ABP	0	5	44	6.4	0.8	35.2	S	IX-OMN	5	
ABP-05-44-08-05-V	Array Bubbler Probe 5M-44E VEO	ABP-05-44-08-05-V	ABP	0	5	44	6.4	0.8	35.2	S	IX-VEO	5	
ABP-10-44-08-05-C	Array Bubbler Probe 10M-44E RS+	ABP-10-44-08-05-C	ABP	0	10	44	6.4	0.8	35.2	S	CN-RS+	5	
ABP-10-44-08-05-O	Array Bubbler Probe 10M-44E OMNI	ABP-10-44-08-05-O	ABP	0	10	44	6.4	0.8	35.2	S	IX-OMN	5	
ABP-10-44-08-05-V	Array Bubbler Probe 10M-44E VEO	ABP-10-44-08-05-V	ABP	0	10	44	6.4	0.8	35.2	S	IX-VEO	5	



X PHASED ARRAY WEDGES												
Part # (new)	Part Description (Navision 1st line for quote)	Old Part # (for reference)	Wedge family	Sub-family A/B/C...	El. Align. N/L	Angle steel (°)	Wave type LW/SW	Cut °	Roof °	Delay mm	Feature IHC/HT	Special mm
X0	Low Profile											
X0AW-001	X0AW-N60S-IHC	new	X0	AW	N	60	S	39	0	0	-IHC	0
X0AW-002	X0AW-N55S-IHC	new	X0	AW	N	55	S	36	0	0	-IHC	0
X0AW-003	X0AW-N45S-IHC	new	X0	AW	N	45	S	31	0	0	-IHC	0
X0AW-004	X0AW-N60L-IHC	new	X0	AW	N	60	L	20	0	0	-IHC	0
X1	Miniature Phased Array											
X1AW-001	X1AW-OL10	X1-SB54-NOL-10	X1	AW	0	0	L	0	0	10	0	0
X1AW-002	X1AW-OL20	X1-SB54-NOL-20	X1	AW	0	0	L	0	0	20	0	0
X1AW-003	X1AW-N55S	X1-SB54-N55S	X1	AW	N	55	S	36	0	0	0	0
X1AW-004	X1AW-N60L	X1-SB54-N60L	X1	AW	N	60	L	20	0	0	0	0
X1BW-001	X1BW-OL5	X1-SB55-NOL-5	X1	BW	0	0	L	0	0	5	0	0
X1BW-002	X1BW-OL20	X1-SB55-NOL-20	X1	BW	0	0	L	0	0	20	0	0
X1BW-003	X1BW-N45S	X1-SB55-N45S	X1	BW	N	45	S	31	0	0	0	0
X1BW-004	X1BW-N55S	X1-SB55-N55S	X1	BW	N	55	S	36	0	0	0	0
X1BW-005	X1BW-N60S	X1-SB55-N60S	X1	BW	N	60	S	39	0	0	0	0
X1BW-007	X1BW-N80S	X1-SB55-N80S	X1	BW	N	80	S	45	0	0	0	0
X1BW-006	X1BW-N60L	X1-SB55-N60L	X1	BW	N	60	L	20	0	0	0	0
X2	Compact Sectorial Scan											
X2AW-001	X2AW-OL25	X2-SB56-NOL	X2	AW	0	0	L	0	0	25	0	0
X2AW-002	X2AW-N45S	X2-SB56-N45S	X2	AW	N	45	S	31	0	0	0	0
X2AW-003	X2AW-N55S	X2-SB56-N55S	X2	AW	N	55	S	36	0	0	0	0
X2AW-004	X2AW-N60S	X2-SB56-N60S	X2	AW	N	60	S	39	0	0	0	0
X2AW-005	X2AW-N60L	X2-SB56-N60L	X2	AW	N	60	L	20	0	0	0	0
X2AW-006	X2AW-OL25-IHC	X2-SB56-NOL-IHC	X2	AW	0	0	L	0	0	25	-IHC	0
X2AW-007	X2AW-N45S-IHC	X2-SB56-N45S-IHC	X2	AW	N	45	S	31	0	0	-IHC	0
X2AW-008	X2AW-N55S-IHC	X2-SB56-N55S-IHC	X2	AW	N	55	S	36	0	0	-IHC	0
X2AW-009	X2AW-N60S-IHC	X2-SB56-N60S-IHC	X2	AW	N	60	S	39	0	0	-IHC	0
X2AW-010	X2AW-N60L-IHC	X2-SB56-N60L-IHC	X2	AW	N	60	L	20	0	0	-IHC	0
X2AW-101	X2AW-N60S-114COD-IHC	X2-SB56-N60S-114COD	X2	AW	N	60	S	39	0	0	-IHC	-114COD
X2AW-102	X2AW-N60S-141COD-IHC	X2-SB56-N60S-141COD	X2	AW	N	60	S	39	0	0	-IHC	-141COD
X2AW-103	X2AW-N60S-273COD-IHC	X2-SB56-N60S-273COD	X2	AW	N	60	S	39	0	0	-IHC	-273COD
X2AW-104	X2AW-N60S-324COD-IHC	X2-SB56-N60S-324COD	X2	AW	N	60	S	39	0	0	-IHC	-324COD
X2AW-105	X2AW-N60S-508COD-IHC	X2-SB56-N60S-508COD	X2	AW	N	60	S	39	0	0	-IHC	-508COD
X2AW-106	X2AW-N60S-1067COD-IHC	X2-SB56-N60S-1067COD	X2	AW	N	60	S	39	0	0	-IHC	-1067COD



X	PHASED ARRAY WEDGES											
Part #	Part Description	Old Part #	Wedge	Sub-family	El. Align.	Angle	Wave type	Cut	Roof	Delay	Feature	Special
(new)	(Navision 1st line for quote)	(for reference)	family	A/B/C...	N/L	steel (°)	LW/SW	°	°	mm	IHC/HT	mm
X2BW-001	X2BW-0L25	new	X2	BW	0	0	L	0	0	25	0	0
X2BW-002	X2BW-N45S	new	X2	BW	N	45	S	31	0	0	0	0
X2BW-003	X2BW-N60S	X2-SD77-N60	X2	BW	N	60	S	39	0	0	0	0
X2BW-004	X2BW-N60L	new	X2	BW	N	60	L	20	0	0	0	0
X2BW-005	X2BW-0L25-IHC	new	X2	BW	0	0	L	0	0	25	-IHC	0
X2BW-006	X2BW-N45S-IHC	new	X2	BW	N	45	S	31	0	0	-IHC	0
X2BW-007	X2BW-N60S-IHC	new	X2	BW	N	60	S	39	0	0	-IHC	0
X2BW-008	X2BW-N60L-IHC	new	X2	BW	N	60	L	20	0	0	-IHC	0
X3	Sectorial & Linear Scan											
X3AW-001	X3AW-0L25	X3-SB57-N0L	X3	AW	0	0	L	0	0	25	0	0
X3AW-002	X3AW-N45S	X3-SB57-N45S	X3	AW	N	45	S	31	0	0	0	0
X3AW-003	X3AW-N55S	X3-SB57-N55S	X3	AW	N	55	S	36	0	0	0	0
X3AW-004	X3AW-N60S	X3-SB57-N60S	X3	AW	N	60	S	39	0	0	0	0
X3AW-005	X3AW-N45L	X3-SB57-N45L	X3	AW	N	45	L	16	0	0	0	0
X3AW-006	X3AW-N60L	X3-SB57-N60L	X3	AW	N	60	L	20	0	0	0	0
X3AW-007	X3AW-0L25-IHC	X3-SB57-N0L-IHC	X3	AW	0	0	L	0	0	25	-IHC	0
X3AW-008	X3AW-N45S-IHC	X3-SB57-N45S-IHC	X3	AW	N	45	S	31	0	0	-IHC	0
X3AW-009	X3AW-N55S-IHC	X3-SB57-N55S-IHC	X3	AW	N	55	S	36	0	0	-IHC	0
X3AW-010	X3AW-N60S-IHC	X3-SB57-N60S-IHC	X3	AW	N	60	S	39	0	0	-IHC	0
X3AW-011	X3AW-N45L-IHC	X3-SB57-N45L-IHC	X3	AW	N	45	L	16	0	0	-IHC	0
X3AW-012	X3AW-N60L-IHC	X3-SB57-N60L-IHC	X3	AW	N	60	L	20	0	0	-IHC	0
X3-Glider	Compact Linear Scan											
X3AG-001	X3AG-0L25	new XGlider wedges	X3	AG	0	0	L	0	0	25	0	0
X5	Deep Penetration (AWS & Hi-Temp)											
X5AW-001	X5AW-0L40	X5-SB58-N0L	X5	AW	0	0	L	0	0	40	0	0
X5AW-002	X5AW-N60S	X5-SB58-N60S	X5	AW	N	60	S	39	0	0	0	0
X5AW-003	X5AW-N60L	X5-SB58-N60L	X5	AW	N	60	L	20	0	0	0	0
X5AW-004	X5AW-0L40-IHC	X5-SB58-N0L-IHC	X5	AW	0	0	L	0	0	40	-IHC	0
X5AW-005	X5AW-N60S-IHC	X5-SB58-N60S-IHC	X5	AW	N	60	S	39	0	0	-IHC	0
X5AW-006	X5AW-N60L-IHC	X5-SB58-N60L-IHC	X5	AW	N	60	L	20	0	0	-IHC	0
X6	Large Linear Scan											
X6AW-001	X6AW-0L25	X6-SD7-N0L	X6	AW	0	0	L	0	0	25	0	0
X6AW-002	X6AW-N55S	X6-SD7-N55S	X6	AW	N	55	S	36	0	0	0	0
X6AW-003	X6AW-0L25-IHC	X6-SD7-N0L-IHC	X6	AW	0	0	L	0	0	25	-IHC	0
X6AW-004	X6AW-N55S-IHC	X6-SD7-N55S-IHC	X6	AW	N	55	S	36	0	0	-IHC	0



PHASED ARRAY WEDGES												
Part # (new)	Part Description (Navision 1st line for quote)	Old Part # (for reference)	Wedge family	Sub-family A/B/C...	El. Align. N/L	Angle steel (°)	Wave type LW/SW	Cut °	Roof °	Delay mm	Feature IHC/HT	Special mm
DAAH 1A High Performance												
D1AW-001	D1AW-0L12.7	T1-12.7TOD-REXO	D1	AW	0	0	L	0	0	12.7	0	0
D1AW-002	D1AW-0L25.4	T1-25.4TOD-REXO	D1	AW	0	0	L	0	0	25.4	0	0
D1AW-004	D1AW-N57S	T1-37WOD-REXO	D1	AW	N	57	S	37	0	0	0	0
D1AW-005	D1AW-N48L	T1-17WOD-REXO	D1	AW	N	48	L	17	0	0	0	0
D1AW-006	D1AW-0L12.7-IHC	T1-12.7TOD-REXO-IHC	D1	AW	0	0	L	0	0	12.7	-IHC	0
D1AW-007	D1AW-0L25.4-IHC	T1-25.4TOD-REXO-IHC	D1	AW	0	0	L	0	0	25.4	-IHC	0
D1AW-009	D1AW-N57S-IHC	T1-37WOD-REXO-IHC	D1	AW	N	57	S	37	0	0	-IHC	0
D1AW-010	D1AW-N48L-IHC	T1-17WOD-REXO-IHC	D1	AW	N	48	L	17	0	0	-IHC	0
D1AW-101	D1AW-N57S-114COD-IHC	T1-N57S-114COD	D1	AW	N	57	S	37	0	0	-IHC	-114COD
D1AW-102	D1AW-N57S-141COD-IHC	T1-N57S-141COD	D1	AW	N	57	S	37	0	0	-IHC	-141COD
D1AW-103	D1AW-N57S-273COD-IHC	T1-N57S-273COD	D1	AW	N	57	S	37	0	0	-IHC	-273COD
D1AW-105	D1AW-N57S-324COD-IHC	T1-N57S-324COD	D1	AW	N	57	S	37	0	0	-IHC	-324COD
D1AW-105	D1AW-N57S-508COD-IHC	T1-N57S-508COD	D1	AW	N	57	S	37	0	0	-IHC	-508COD
D1AW-106	D1AW-N57S-1067COD-IHC	T1-N57S-1067COD	D1	AW	N	57	S	37	0	0	-IHC	-1067COD
DAAH 1B Dual Linear Array												
D1BW-004	D1BW-2N45L-FD15-IHC	new (DLA in P&C)	D1	BW	2N	45	L	17	11.0°	0	-IHC	-FD15
D1BW-005	D1BW-2N45L-FD20-IHC	new (DLA in P&C)	D1	BW	2N	45	L	17	9.7°	0	-IHC	-FD20
D1BW-006	D1BW-2N45L-FD25-IHC	new (DLA in P&C)	D1	BW	2N	45	L	17	7.6°	0	-IHC	-FD25
D1BW-007	D1BW-2N45L-FD50-IHC	new (DLA in P&C)	D1	BW	2N	45	L	17	4.1°	0	-IHC	-FD50
D1BW-008	D1BW-2N45L-FD75-IHC	new (DLA in P&C)	D1	BW	2N	45	L	17	3.0°	0	-IHC	-FD75
DAAH 5 High Performance Linear Scan												
D5AW-001	D5AW-0L12.7	T5-12.7TOD-REXO	D5	AW	0	0	L	0	0	12.7	0	0
D5AW-002	D5AW-0L25.4	T5-25.4TOD-REXO	D5	AW	0	0	L	0	0	25.4	0	0
D5AW-005	D5AW-N57S	T5-37WOD-REXO	D5	AW	N	57	S	37	0	0	0	0
D5AW-003	D5AW-0L12.7-IHC	T5-12.7TOD-REXO-IHC	D5	AW	0	0	L	0	0	12.7	-IHC	0
D5AW-004	D5AW-0L25.4-IHC	T5-25.4TOD-REXO-IHC	D5	AW	0	0	L	0	0	25.4	-IHC	0
D5AW-006	D5AW-N57S-IHC	T5-37WOD-REXO-IHC	D5	AW	N	57	S	37	0	0	-IHC	0








PHASED ARRAY CABLES

Part # (new)	Part Description (Navision 1st line for quote)	Old Part # (for reference)	Probe family	Probe QTY (S, D)	Connector (QX, IX, HY, ...)	C. length (m)	Customize (ARMored, ...)	
DAAH 1	D1 Phased Array Cables							
D1-CABLE-001	D1-CABLE-S-QX2	ASM-9038-IX200	D1-CABLE	S	QX	2	0	
D1-CABLE-002	D1-CABLE-S-QX5	ASM-9038-IX500	D1-CABLE	S	QX	5	0	
D1-CABLE-003	D1-CABLE-D-IX2	ASM-9039-IX200	D1-CABLE	D	IX	2	0	
D1-CABLE-004	D1-CABLE-D-IX5	ASM-9039-IX500	D1-CABLE	D	IX	5	0	
D1-CABLE-005	D1-CABLE-S-IX2-AR	ASM-9038-IX200-A	D1-CABLE	S	IX	2	-AR	
D1-CABLE-006	D1-CABLE-S-IX5-AR	ASM-9038-IX500-A	D1-CABLE	S	IX	5	-AR	
D1-CABLE-007	D1-CABLE-D-IX2-AR	ASM-9039-IX200-A	D1-CABLE	D	IX	2	-AR	
D1-CABLE-008	D1-CABLE-D-IX5-AR	ASM-9039-IX500-A	D1-CABLE	D	IX	5	-AR	
DAAH 5	D5 Phased Array Cables							
D5-CABLE-001	D5-CABLE-S-QX2	ASM-9048-IX200	D5-CABLE	S	QX	2	0	
D5-CABLE-002	D5-CABLE-S-QX5	ASM-9048-IX500	D5-CABLE	S	QX	5	0	
D5-CABLE-003	D5-CABLE-S-QX2-AR	ASM-9048-IX200-A	D5-CABLE	S	QX	2	-AR	
D5-CABLE-004	D5-CABLE-S-QX5-AR	ASM-9048-IX500-A	D5-CABLE	S	QX	5	-AR	
PA Extension	Phased Array Extension Cables							
PA-CABLE-001	PA-CABLE-S-64E-QX5	new	PA-CABLE	S-64E	QX	5	0	
PA-CABLE-002	PA-CABLE-S-64E-QX10	new	PA-CABLE	S-64E	QX	10	0	
PA-CABLE-151	PA-CABLE-CUSTOM	new	PA-CABLE	CUSTOM	CUSTOM	CUSTOM	0	
Part # (new)	Part Description (Navision 1st line for quote)	Old Part # (for reference)	WP2 family	Encoder	Connector (QX, IX, HY, ...)	C. length (m)	To Instrument	Instrument(s) Supported
WP2	WheelProbe 2 PA-Encoder-GPIO Cables							
WP2-CABLE-101	WP2-CABLE-veo-QX2.5	ASM-0050-IX250	WP2-CABLE	Lemo8	QX	2.5	veo	prisma & veo
WP2-CABLE-111	WP2-CABLE-veo-QX5	ASM-0050-IX500	WP2-CABLE	Lemo8	QX	5	veo	prisma & veo
WP2-CABLE-102	WP2-CABLE-SX-MX2-QX2.5	new	WP2-CABLE	Lemo16	QX	2.5	SX-MX2	SX & MX2
WP2-CABLE-112	WP2-CABLE-SX-MX2-QX5	new	WP2-CABLE	Lemo16	QX	5	SX-MX2	SX & MX2
WP2-CABLE-103	WP2-CABLE-MX-QX2.5	new	WP2-CABLE	HD15	QX	2.5	MX	MX
WP2-CABLE-113	WP2-CABLE-MX-QX5	new	WP2-CABLE	HD15	QX	5	MX	MX
WP2-CABLE-151	WP2-CABLE-CUSTOM	new	WP2-CABLE	CUSTOM	CUSTOM	CUSTOM	CUSTOM	CUSTOM

ADAPTERS & ACCESSORIES

Part # (new)	Part Description (Navision 1st line for quote)	Old Part # (for reference)	Type	From Connector	To Connector	From Instrument	To Instrument	Instrument(s) Supported
Adapters	Encoder & GPIO Adapters							
ADAP-003	ENC-ADAP- veo 2 axes to prisma 2 axes	165272	ENC-ADAP	2xLemo8	1xLemo8	veo 2 axes	prisma 2 axes	prisma
ADAP-001	ENC-ADAP- MX 1 axis to veo 1 axis	165221	ENC-ADAP	HD15	Lemo8	MX 1 axis	veo 1 axis	prisma & veo
ADAP-002	ENC-ADAP- SX-MX2 1 axis to veo 1 axis	165272	ENC-ADAP	Lemo16	Lemo8	SX-MX2 1 axis	veo 1 axis	prisma & veo
ADAP-011	ENC-ADAP- veo 1 axis to MX 1 axis	new	ENC-ADAP	Lemo8	HD15	veo 1 axis	MX 1 axis	MX
ADAP-012	ENC-ADAP- veo 1 axis to SX-MX2 1 axis	new	ENC-ADAP	Lemo8	Lemo16	veo 1 axis	SX-MX2 1 axis	SX-MX2
WP2-ADAP-101	GPIO-ENC-ADAPT- veo to MX	ASM-AD50-MX/WP	GPIO-ENC-ADAPT	2xLemo8	2xHD15	veo	MX	MX
WP2-ADAP-102	GPIO-ENC-ADAPT- veo to SX-MX2	ASM-AD50-MX2WP	GPIO-ENC-ADAPT	2xLemo8	Lemo16&HD15	veo	SX-MX2	SX-MX2
PA Adapters	Phased Array Adapters or Splitters							
ADAP-005	PA-Splitter- IX64 to IX32:32	165219	PA-Splitter	IX64	IX32:32	prisma & veo	prisma & veo	0
ADAP-006	PA-Splitter- IX128 to IX64:64	165240	PA-Splitter	IX128	IX64:64	prisma & veo	prisma & veo	0
ADAP-007	PA-Splitter- QX64 to Lemo00x8	new	PA-Splitter	QX64	Lemo00x8	prisma & veo	prisma & veo	0
ADAP-008	PA-ADAP- GZ64 to QX64	new	PA-ADAP	GZ64	QX64	phasor	prisma & veo	0
ADAP-009	PA-ADAP- CN64 to QX64	new	PA-ADAP	CN64	QX64	RS+ & RS2	prisma & veo	0
ADAP-010	PA-ADAP- QX64 to CN64	new	PA-ADAP	QX64	CN64	prisma & veo	RS+ & RS2	0

		Reference table of connectors vs. PA instrument					
		Instrument	ENC.	GPIO	PA		
	QX = Quick I-PEX	veo+	Lemo8	Lemo8	QX (or IX)		LEMO
	IX = I-PEX	prisma	Lemo8	Lemo8	QX (or IX)		
		veo	Lemo8	Lemo8	QX (or IX)		
		MX2	Lemo16	HD15	QX (or IX)		
		SX	Lemo16	HD15	QX (or IX)		
		MX	HD15	HD15	QX (or IX)		HD15
		Epoch 1000i	N/A	N/A	QX (or IX)		
		Gekko	N/A	N/A	QX (or IX)		
		multi2000	Dsub-25	N/A	HY		
		Topaz	N/A	N/A	ZZ		
		Raptor	N/A	N/A	N/A		
		Phasor	Lemo7	N/A	GZ		
		Rapidscan	Lemo7	N/A	CN		Dsub-25