

Transducer Cables

UT probe accessories to facilitate accurate, fast and reliable measurements across all temperatures

Keywords: corrosion, erosion, on-stream inspection, extreme environments, high temperature, cables, connectors



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ADVANCED
TECHNOLOGIES

DESCRIPTION

High quality, UT cables to connect probes to any thickness gauge or flaw detector using compatible connectors. Cables are available with several connectors, lengths and identification pin options. Ionix stocks a range of off-the-shelf configurations and custom configurations are also available by request.

Please revert to the back page for more details about our cable options.



BENEFITS

- The fibreglass outer jacket provides heat and abrasion resistance to the cable assembly without impacting flexibility and keeping it lightweight.
- For high temperature variants, fibreglass, as opposed to a flexible metal conduit, prevents conduction of heat through the cable reducing risk of burning the operator or damaging equipment.
- The cable uses common connectors to allow integration to all thickness gauges and flaw detectors with options for gauge specific connectors and identification pins for Evident and Baker Hughes gauges.

APPLICATIONS

- For use with dual probes for thickness, corrosion, erosion surveys and TOFD probes for weld inspection.
- High temperature cable: up to 250°C continuous or up to 550°C intermittent.
- Standard temperature cable: up to 75°C continuous.
- Ideal for scanning application where a robust, lightweight cable option is required.



More information
available online

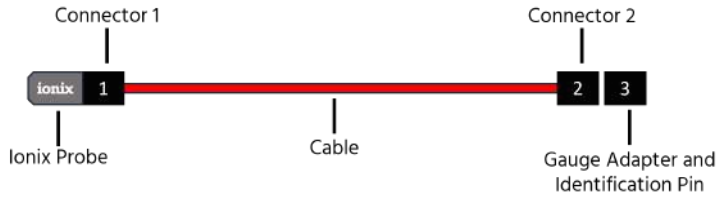


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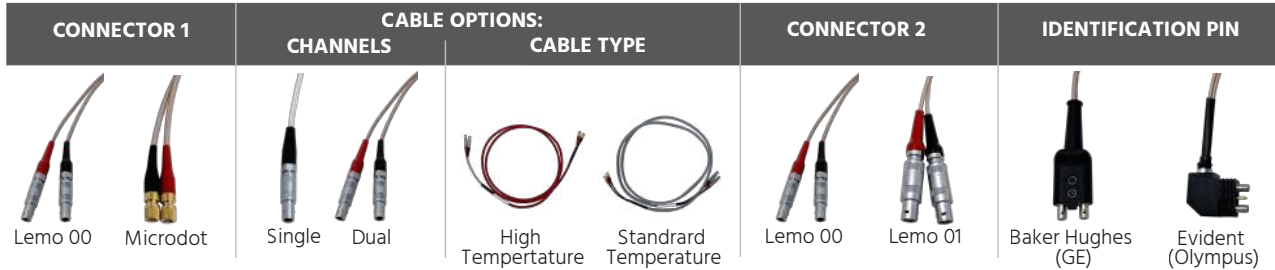
CABLE DIAGRAM



This diagram represents a fundamental illustration showcasing the assembly process of HotSense™ Transducer Cables.

For a comprehensive examination of the various cable options, we kindly direct your attention to the table below. For further inquiries and detailed information, please contact Ionix.

CONNECTOR AND CABLE OPTIONS



PRODUCT DETAILS

PART NUMBER	CONNECTOR 1	DUAL / SINGLE	CABLE TYPE	CABLE LENGTH (m)	CONNECTOR 2	GAUGE ADAPTER AND IDENTIFICATION PIN	COMMENTS
ACC-CB-015	Microdot	Dual	High Temperature RG316 Abrasion Resistant	1.5	Lemo 00 Male	-	-
ACC-CB-115	Microdot	Dual	High Temperature RG316 Abrasion Resistant	1.5	Lemo 00 Male	-	Includes 2" Handle and Strain Relief
ACC-CB-1215	Microdot	Dual	Standard temperature RG174 with Grey Abrasion Resistant Sleeving	1.5	Lemo 00 Male	-	-
ACC-CB-1315	Microdot	Dual	Standard temperature RG174 with Grey Abrasion Resistant Sleeving	1.5	Lemo 00 Male	Evident / Olympus Gauge Connector with Identification Pin HS582i/D790	-
ACC-CB-1415	Microdot	Dual	Standard temperature RG174 with Grey Abrasion Resistant Sleeving	1.5	Lemo 00 Male	Baker Hughes / GE Gauge Connector with Identification Pin HS582i/D790	-
ACC-CB-615	Microdot	Dual	High Temperature RG316 Abrasion Resistant	1.5	Lemo 00 Male	Evident / Olympus Gauge Connector with Identification Pin HS582i/D790	-
ACC-CB-715	Microdot	Dual	High Temperature RG316 Abrasion Resistant	1.5	Lemo 00 Male	Baker Hughes / GE Gauge Connector with Identification Pin HS582i/D790	-
ACC-CB-815	Microdot	Dual	High Temperature RG316 Abrasion Resistant	1.5	Lemo 00 Male	Evident / Olympus Gauge Connector with Identification Pin HS582i/D790	Includes 2" Handle and Strain Relief
ACC-CB-816	Microdot	Dual	High Temperature RG316 Abrasion Resistant	1.5	Lemo 00 Male	Evident / Olympus Gauge Connector with Identification Pin HS2122i/D797	Includes 2" Handle and Strain Relief
ACC-CB-915	Microdot	Dual	High Temperature RG316 Abrasion Resistant	1.5	Lemo 00 Male	Baker Hughes / GE Gauge Connector with Identification Pin HS582i/D790	Includes 2" Handle and Strain Relief
ACC-CB-1115	Microdot	Dual	High Temperature RG316 Abrasion Resistant	1.5	Lemo 01 Male	-	Includes 2" Handle and Strain Relief
ACC-CB-515	Microdot	Dual	High Temperature RG316 Abrasion Resistant	1.5	Lemo 01 Male	-	-
ACC-CB-050	Microdot	Dual	High Temperature RG316 Abrasion Resistant	5	Lemo 00 Male	-	-
ACC-CB-550	Microdot	Dual	High Temperature RG316 Abrasion Resistant	5	Lemo 01 Male	-	-
ACC-CB-250	Lemo 00 Male	Dual	High Temperature RG316 Abrasion Resistant	5	Lemo 00 Male	-	-
ACC-CB-2100	Lemo 00 Male	Dual	High Temperature RG316 Abrasion Resistant	10	Lemo 00 Male	-	-



Want to discuss your demanding environment needs?

+44 (0) 1484 505859

contact@ionix.at

www.ionix.at

@ionix_at

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@ionixadvancedtechnologies

