

Broad Band Probes – Absolute/Bridge



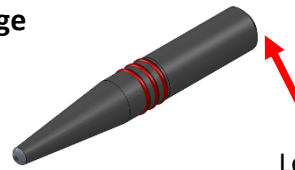
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Absolute



BNC Connector

Bridge



Lemo 4-Way

Application:

Absolute unshielded broad band probes - for general purpose inspection of surface breaking defects and metallurgy variations and to estimate coating (Paint) thickness.

Bridge unshielded broad band probes – ETHER NDE newly developed “IB Tech Inside” absolute intrinsically balanced technology which further improves the signal to noise ratio of conventional absolute probes giving a significant improvement in inspection reliability, uses Lemo 4-Way connector.

Specification:

- Broad range with centre frequency – 5kHz, 20kHz, 100kHz, 500kHz, 2MHz
- Plastic Handle with neoprene grip
- Connector – BNC for absolute and Lemo 4-Way for bridge (IB Tech Inside)

Notes:

A range of balance loads also available for use with some impedance plane instruments.

Absolute Probe Coding:

ETHER NDE Part No.	Description	Centre Frequency	Frequency Range	Type/Connector
Probe, Unshielded, Broad Band				
PUB2M	Probe, Unshielded, Broad Band, 2MHz	2MHz (5.6uH)	500kHz - 4MHz	Absolute/BNC Socket
PUB500K	Probe, Unshielded, Broad Band, 500k	500kHz (22uH)	150kHz - 1MHz	Absolute/BNC Socket
PUB100K	Probe, Unshielded, Broad Band, 100k	100kHz (82uH)	35kHz - 250kHz	Absolute/BNC Socket
PUB20K	Probe, Unshielded, Broad Band, 20k	20kHz (390uH)	7kHz - 60kHz	Absolute/BNC Socket
PUB5K	Probe, Unshielded, Broad Band, 5k	5kHz (1500uH)	2kHz - 15kHz	Absolute/BNC Socket

Leads to fit above probes:

ETHER NDE Part No.	Description	Instrument	Connector Instrument End	Connector Probe End	Cable Length	Configuration
ALLCX-M02-015A	Lead	Weld/AeroCheck Range, ETI-200	Lemo OO Coaxial	BNC Plug	1.5m	Absolute
ALL12-B02-015A	Lead	Weld/AeroCheck Range, ETI-200, ETI-300	Lemo 12-Way Plug	BNC Plug	1.5m	Absolute
ALL07-B02-015A	Lead	Hocking	Lemo 7-Way Plug	BNC Plug	1.5m	Absolute
ALB02-B02-015A	Lead	ETI-300/Various	BNC Plug	BNC Plug	1.5m	Absolute

Bridge Probe Coding:

ETHer NDE Part No.	Description	Centre Frequency	Frequency Range	Type/Connector
Probe, Unshielded, Broad Band				
PUB2MB	Probe, Unshielded, Broad Band, 2MHz	2MHz (5.6uH)	500kHz - 4MHz	Bridge/Lemo 4-Way
PUB500KB	Probe, Unshielded, Broad Band, 500k	500kHz (22uH)	150kHz - 1MHz	Bridge/Lemo 4-Way
PUB100KB	Probe, Unshielded, Broad Band, 100k	100kHz (82uH)	35kHz - 250kHz	Bridge/Lemo 4-Way
PUB20KB	Probe, Unshielded, Broad Band, 20k	20kHz (390uH)	7kHz - 60kHz	Bridge/Lemo 4-Way
PUB5KB	Probe, Unshielded, Broad Band, 5k	5kHz (1500uH)	2kHz - 15kHz	Bridge/Lemo 4-Way

Leads to fit above probes:

ETHer NDE Part No.	Description	Instrument	Connector Instrument End	Connector Probe End	Cable Length	Configuration
ALL12-L04-015B	Lead	Weld/Aero/Phase /AM/RailCheck Range, ETi-200, ETi-300	Lemo 12-Way	Lemo 4-Way Plug	1.5m	Bridge
ALL07-L04-015B	Lead	Hocking	Lemo 7-Way	Lemo 4-Way Plug	1.5m	Bridge
ALL04-L04-015-B	Lead	Phase/AM/RailCheck Range	Lemo 4-Way Plug	Lemo 4-Way Plug	1.5m	Bridge

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