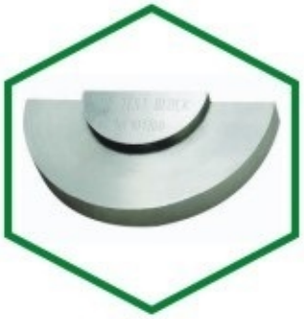
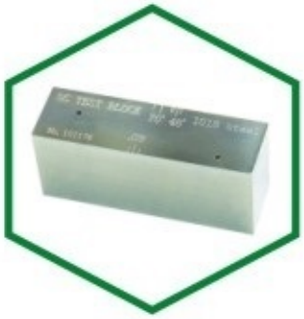
Eiganesveien, 14, Stavanger,
Ph No : +47 97304006

- Training
- Product Supply
- Technical Consultancy
- Offshore & Subsea Engineering Courses

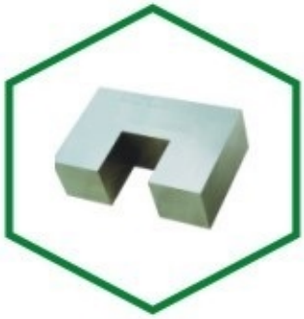
NDT EQUIPMENT MANUFACTURING & SUPPLY



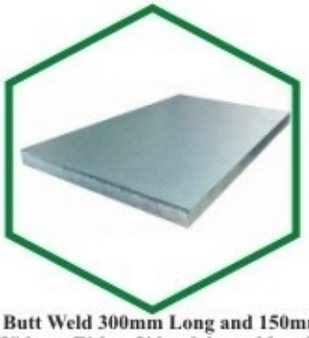
DC Calibration Block



SC Calibration Block



DS Calibration Block



V Butt Weld 300mm Long and 150mm Wide on Either Side of the weld and plate thickness 25mm (Carbon Steel)

Ø 83 x 10 x 300 Material: Carbon Steel Single Vee, as welded Flaw : 3 per Specimen, randomly place

Tubular Nodes Dihedral Angle 30 Main Pipe Segment 20" Dia. 20 to 25mm WT & Branch 6" and 10mm WT (Carbon Steel)

Plate to Plate T Joint Single V Butt Weld with 300mm Long and 200mm Weld base and 150mm Wide t Plate in the Thickness Range of 12mm to 15mm (Carbon Steel)

BNV manufactures a comprehensive range of truly standard test blocks. All raw material is ultrasonic - inspected and certified prior to manufactured of blocks.

These blocks are manufactured to the exact requirements of the prior to precision machining

Many materials other than the standard materials listed before are kept on the shelf and are available for immediate fabrication to customer specifications. All block are available in metric dimensions.

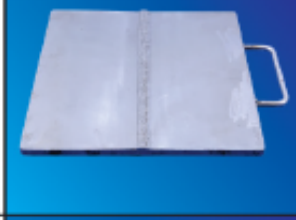
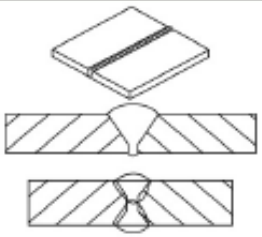
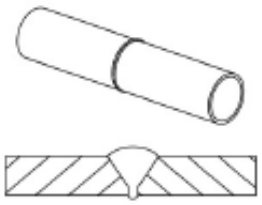
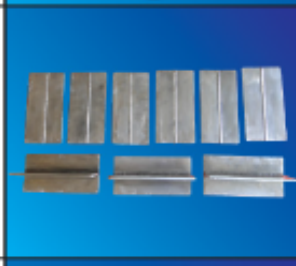
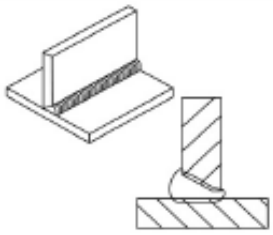
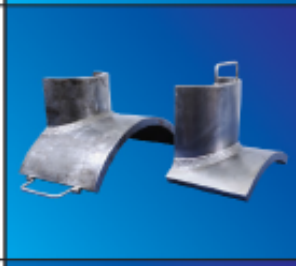
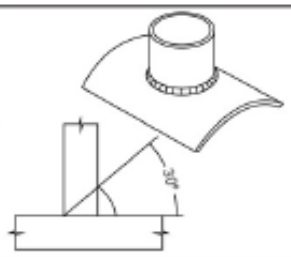
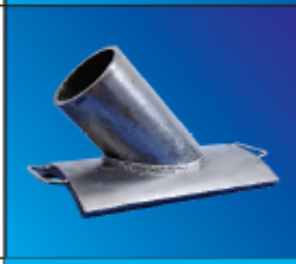
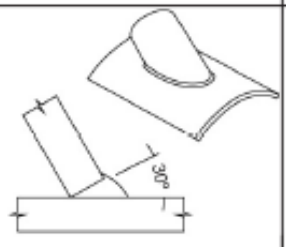
Block are precision manufactured to tolerances well within the allowable Limits of their respective codes. All blocks pass a comprehensive quality control inspection in accordance with ISO 9002 (formerly MIL I 45208 A), with instruments calibrated

Non standard block made to customer's material & design requirements are also manufactured. Blocks to other international standards are also available on request.

NDT Equipment Manufacturing & Supply

Eiganesveien, 14, Stavanger,
Ph No : +47 97304006

Flawed Specimen

Specimen Type		Dimensions :	Weld preperation Type	Method
Plate-SV Plate-DV		300mm(L)X200mm(W)X6mm(T) 300mm(L)X300mm(W)X12mm(T) 300mm(L)X300mm(W)X20mm(T) 300mm(L)X300mm(W)X25mm(T)		PT/MT UT
Pipe-SV		ϕ4"X6mm(T) ϕ3"X11mm(T) ϕ6"X11mm(T) ϕ6"X18mm(T)		PT/MT UT
Tee joint		300mm(L)X200mm(W) X100mm(H)X6mm(T)		PT/MT
Nozzle Stub-on Stub-in		Main member size: ϕ20"X25mm(T) Branch member size: ϕ8"X12mm(T)		UT
Node TYK		Main member size: ϕ20"X22mm (T) Branch member size: ϕ6"X12mm (T)		UT
Casting Forging				VT/PT/MT

ULTRA VIOLET LAMP 100F

Technical Data

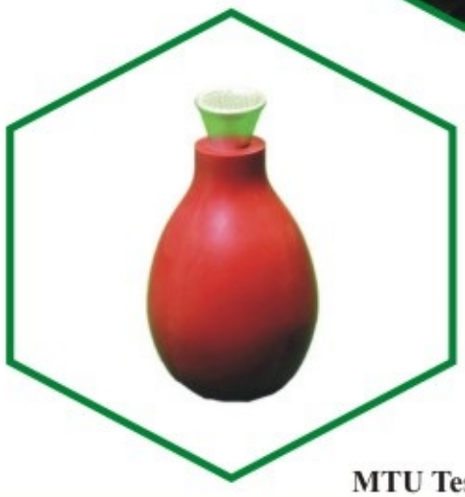
Ultra Violet Black Light 100 F	
Input Supply	220V, 50Hz, 1 Phase
UV intensity at 33 cm	5000µw / cm² nominal
Wave Length	365 nm
Visible Light Intensity	Less then 10 Lux / 1 Foot Candle
Bulb	100 watts (Spot bulb)
Bulb Life	2500 Hours approximately
Weight	Lamp 1.3 Kg + Control Unit 2.7 Kg
Cable Length	5 meter (Between Lamp & Cu)
	3 meter Power supply cord
Colling Fan	In built

Salient Features :

- Optimum performances with Koop-glass filter
- Cool to touch, on heating housing & Handle
- Safety bezel prevents accidental damage to filter & bulb
- Tough aluminum housing for rugged use
- Comfort grip with concealed cable connection
- Optional, built in silent Fan for forced cooling.

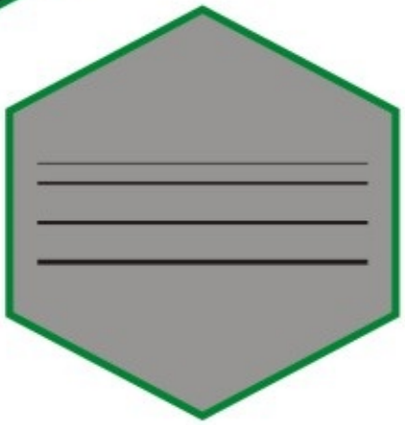
Magnetic Flux Strips

MTU Test Block



UV Meter

MTU Test Block



BHEL Test Block

NDT Equipment Manufacturing & Supply

Eiganesveien, 14, Stavanger,
Ph No : +47 97304006

MPI ACCESSORIES

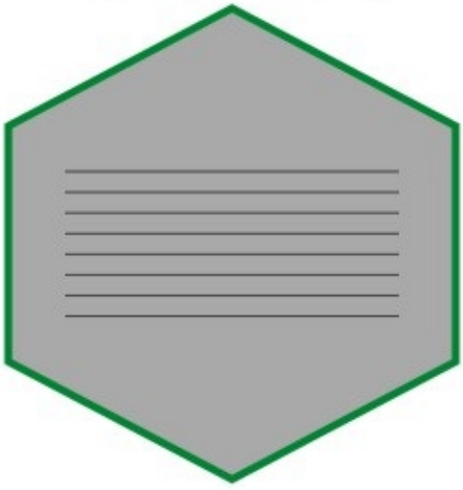
Standard Prod Sets

Double Braided Copper pads

Cable 120 Sq mm for Portable MPI
Suitable for Portable MPI Power Source
1500 Amps & 2000 Amps

Ketos Ring

Pie Field Indicator



BHEl Test Block

Centrifugal Tube & Stand

Gauss Meter
10-0-10, 20-0-20, 50-0-50

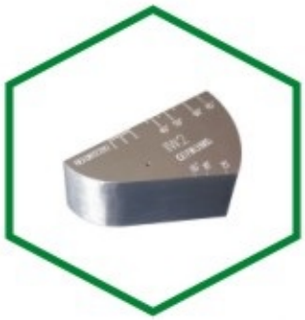
Powder Spray Bub

NDT Equipment Manufacturing & Supply

Eiganesveien, 14, Stavanger,
Ph No : +47 97304006

NDT EQUIPMENT MANUFACTURING & SUPPLY

IIW - Type 1 Block



V2 (A4) Calibration Block

V1/5 (A2) Calibration Block

4 - Step Block

ASME Sec V Calibration Block for Pipe

5 - Step Block

VW 8 - Step Block

10 Step Block

90 Curved 5 - Step Block

ASTM E 317 Block, Figure 1

IOW Beam Profile Block

AWS Resolution Block

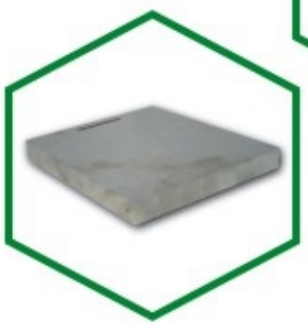
ASTM E 317 Block, Figure 6

Single ASTM Blocks

ASTM Area Amplitude Set of 8

ASTM Distance Area Amplitude Set of 10

ASTM Distance Amplitude Set of 19



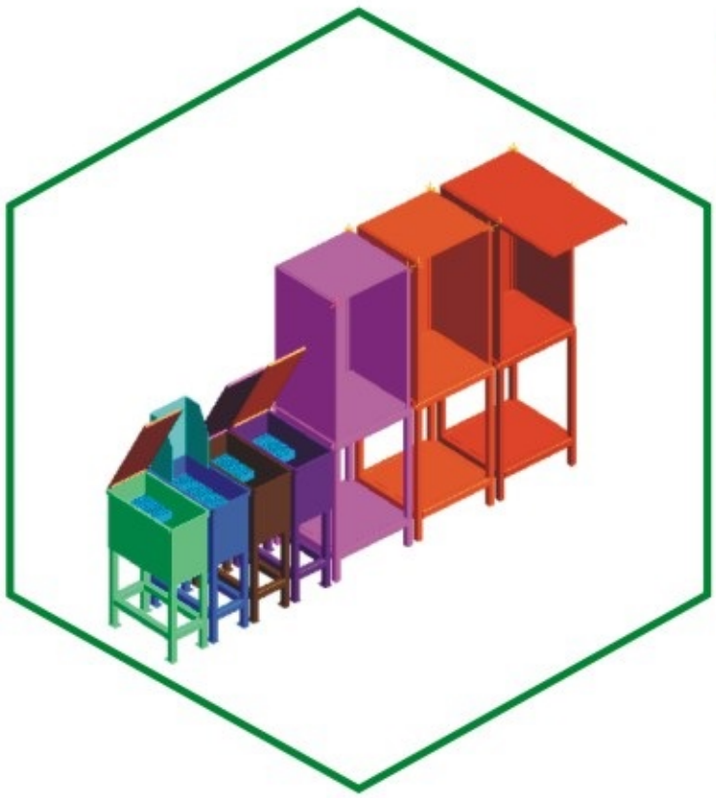
ASME Sec V Basic Calibration Block

NDT Equipment Manufacturing & Supply

Eiganesveien, 14, Stavanger,
Ph No : +47 97304006

Mini Film Viewer MFV-LED 210

Model No	**: MFv-LED 210**
Max. Illumination	**: 130000lux**
Light Source	**: LED**
Window Size	**: 50 W**
Weight	**: 2.5 kg**
Overall Size	**: L360mmXB90mmXH60mm**
Foot Switch Control	**: Yes**



Product Data Sheet
Penetrant Processing Inspection equipment : 03-AA Model

Note :
* All tanks will be fabricated of Ss304 material
* Based on Customer requirement Inspection booth will be customized

NDT Equipment Manufacturing & Supply

Eiganesveien, 14, Stavanger,
Ph No : +47 97304006

NORMAL CABLES

Product Data Sheet Penetrant Processing Inspection Equipment

Three models, each designed for a specific testing method (see below). The order of use varies with different penetrant materials.

Products Features

- High-performance, integrated processing/inspection system for fast and reliable manual penetrant testing
- Modular desing
- All units conform to the appropriate European Union Directives
- Capacity of Penetrant and Developer Thaks will be 15-50 Ltrs. All tanks willbe fabricated out of Ss304 material.
- Based on Customer requirement Equipment will be customized.

Water-Washable Method 01-AA Model	Post-Emulsified Method 02-AA Model	ModelHydrophilic Method 03-AA Model
Pentrant Tank	Pentrant Tank	Pentrant Tank
Rinse Tank	Emulsifier Tank	Rinse Tank
Drier	Rinse Tank	Emulsifier Tank
Dry Developer	Drier	Rinse Tank
Inspection Booth	Dry Developer	Drier
	Inspection Booth	Dry Developer
		Inspection Booth

NDT Equipment Manufacturing & Supply
Eiganesveien, 14, Stavanger,
Ph No : +47 97304006

AC Yoke Model : ACTA 6 AR

The Light weight, Low Cost, encapsulated Magnetic Yoke is Used for the detection of surface cracks in any ferro-magnetic material

Technical Specification :

Ultra Violet Black Light 100 F	
Input Supply	220V, 50Hz, 1 Phase
UV intensity at 33 cm	5000µw / cm² nominal
Wave Length	365 nm
Visible Light Intensity	Less then 10 Lux / 1 Foot Candle
Bulb	100 watts (Spot bulb)
Bulb Life	2500 Hours approximately
Weight	Lamp 1.3 Kg + Control Unit 2.7 Kg
Cable Length	5 meter (Between Lamp & Cu)
	3 meter Power supply cord
Colling Fan	In built

Salient Features :

- Handy and Light Weight.(Weighs only 3 kg)
- Articulated legs with 25x25mm pole area.
- Exceeds specific lift weight requirements.
- safe for operators.
- Strong and rugged construction.
- Suitable to use in all type of industries.

These AC magnetic yokes are combination of low cost, light weight and articuated double jointed legs, there by creating versatile portable magnetic particle equipments.

The articulated poles are adjustable from 50mm to 300mm making the equipment ideal for inspecting components in various forms.

Kit Includes :

- **AC Yoke**
- **Carrying Case**
- **ASTM Block**
- **Powder Spray Bulb**
- **Instruction Manual**
- **Test Certificate**

Optional Accessories :

- **Pie Field Indicator**
- **Red Powder**
- **Black Powder**

NDT Equipment Manufacturing & Supply

Eiganesveien, 14, Stavanger,
Ph No : +47 97304006

NDT UT TRANSDUCER CABLES

Ultrasonic cable with high quality connectors and flexible rubber sheaves to prevent cable breaking adjacent to connectors - prolongs cable life.

We produce the best quality cables and connectors in the market by using highest quality materials and in 100% Quality checks. All the connectors are process by the CNC machine and heet ROHS requirement. East cable is continuity cheeked and verified with an ultrasonic flaw derector. Upon completion of qual its inspection, each cable will be individually packed and preserved. Each cable is guaranteed to be fully functional upon initial use. Any cable that fails to perform will be replaced at no additional charge.

With these products we guarantee:

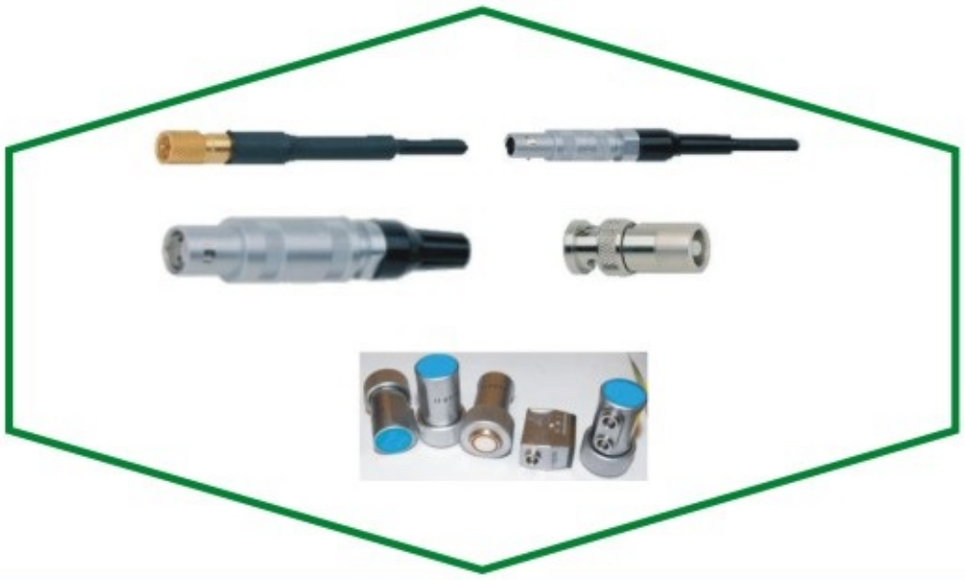
Satisfaction guarantee - the cables can be returned unused within 3 weeks

Quality guarantee - our processionally manufactured cable overcome by its high quality the products of our competitors.

Price guarantee - we quarantee the most reasonable prices on the marked.

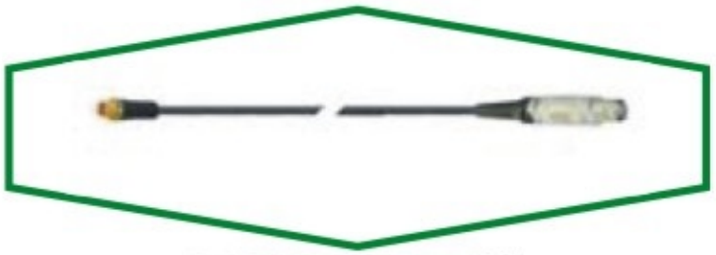
UT TRANSDUCER CABLES AND PROBES

ACTA, is a World Leader in suppling high quality, Low cost ultrasonic transducer transducer cables. Whether you are ultrasonic or eddy current systems, our cables
Will meet your needs.

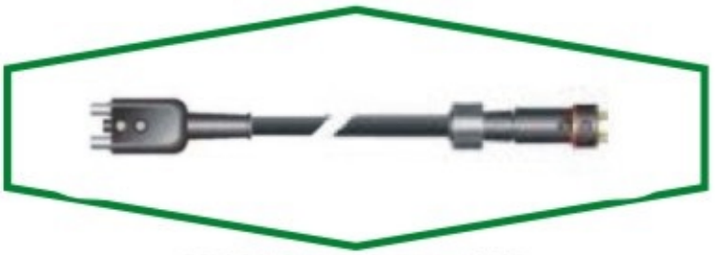


NDT Equipment Manufacturing & Supply
Eiganesveien, 14, Stavanger,
Ph No : +47 97304006

NORMAL CABLES



PRODUCT ID : UTAA - 10003
MICRODOT to LEMO
Cable in 1.5 meter length of RG - 174 coaxial cable with water proof



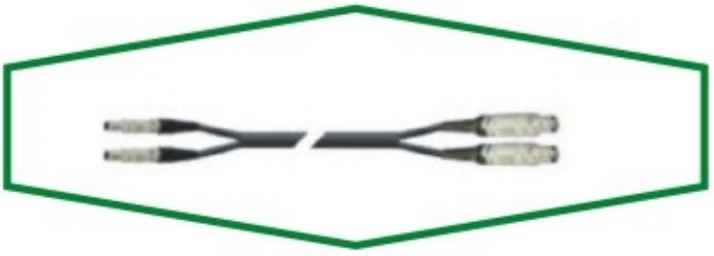
PRODUCT ID : UTAA - 10005
MINI LEMO Double Plug to MINILEMO Double plug
Cable in 1.5 meter length of RG - 174 coaxial with water proof

PRODUCT ID : UTAA - 10006
MINI LEMO to LEMO 00
Cable in 1.5 meter length with double plug of RG - 174 coaxial cable with water proof

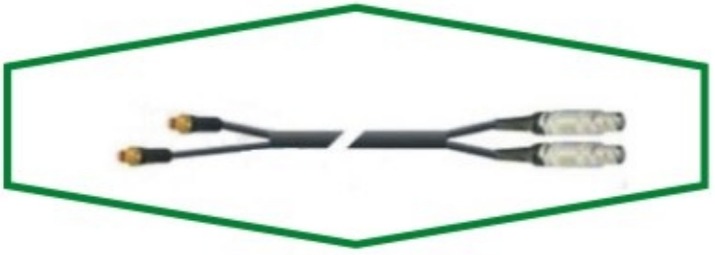
PRODUCT ID : UTAA - 10008
LEMO to LEMO
Cable in 2 meter length of RG - 174 coaxial cable with water proof

PRODUCT ID : UTAA - 10009
MINI LEMO Double Plug to LEMO
Cable in 2 meter length of RG - 174 coaxial cable with water proof

PRODUCT ID : UTAA - 10011
DUAL MICRODOT to LEMO
Cable in 2 meter length of RG - 174 coaxial cable with water proof



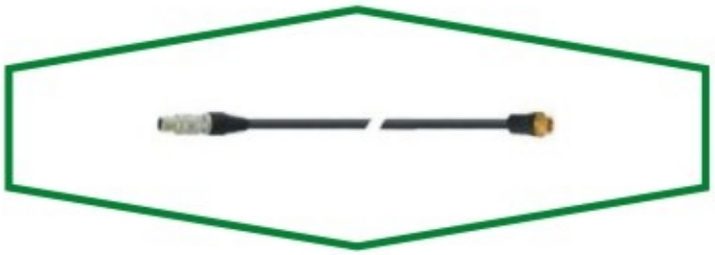
PRODUCT ID : UTAA - 10010
MINI LEMO to LEMO (Dual Cable)
Cable in 2 meter length with double plug of RG - 174 coaxial cable with water proof



PRODUCT ID : UTAA - 10016
MICRODOT to LEMO(Dual)
Cable in 2 meter length of RG - 174 coaxial cable with water proof

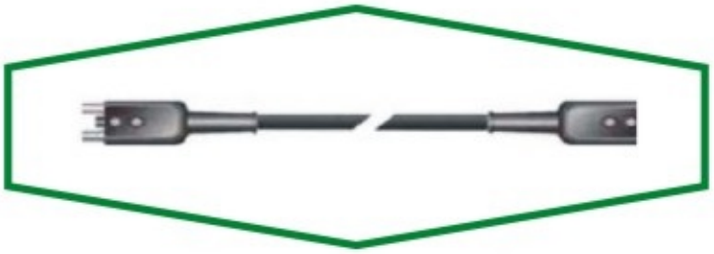
NDT Equipment Manufacturing & Supply
Eiganesveien, 14, Stavanger,
Ph No : +47 97304006

NORMAL CABLES

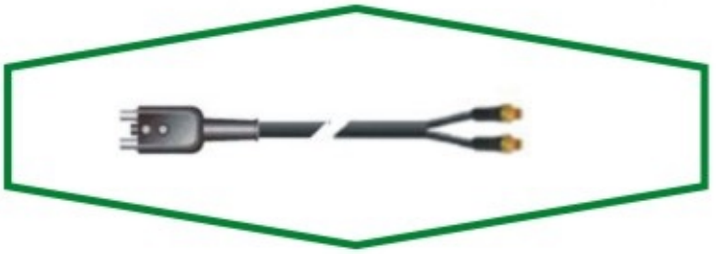


PRODUCT ID : UTAA - 10001
MINI LEMO to MICRODOT
Cable in 2 meter length of RG - 174 coaxial with water proof

PRODUCT ID : UTAA - 10003
MINI LEMO Double plug to LEMO 00 Dual Plug
Cable in 1.5 meter length of RG - 174 coaxial cable with water proof



PRODUCT ID : UTAA - 10002
MINI LEMO to LEMO 00
Cable in 2 meter length with double plug of RG - 174 coaxial cable with water proof

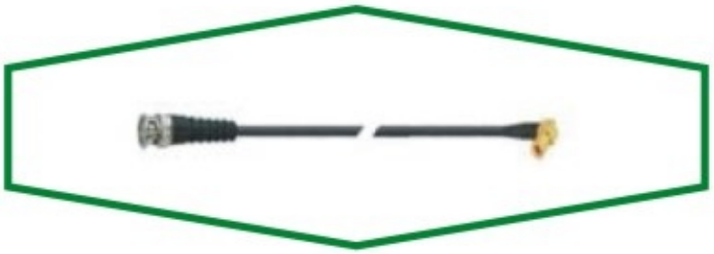


PRODUCT ID : UTAA - 10004
MINI LEMO Double plug to MICRODOT Dual Plug
Cable in 1.5 meter length of RG - 174 coaxial cable with water proof

STANDARD CABLES

PRODUCT ID : UTAA - 10013
BNC to BNC
Cable in 1.8 meter length of RG - 174 coaxial cable with water proof

PRODUCT ID : UTAA - 10015
BNC to MINI LEMO
Cable in 1.8 meter length of RG - 174 coaxial cable with water proof



PRODUCT ID : UTAA - 10014
BNC to RIGHT ANGLE MICRODOT
Cable in 1.8 meter length with double plug of RG - 174 coaxial cable with water proof

PRODUCT ID : UTAA - 10016
BNC to LEMO
Cable in 1.5 meter length of RG - 174 coaxial cable with water proof

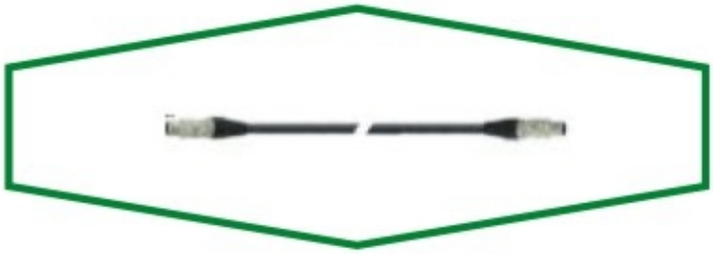
NDT Equipment Manufacturing & Supply

Eiganesveien, 14, Stavanger,
Ph No : +47 97304006

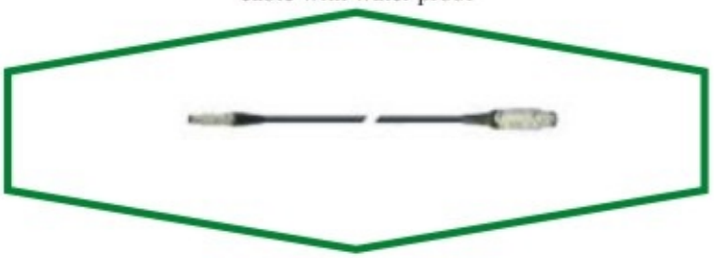
NORMAL CABLES

PRODUCT ID : UTAA - 10017
MINI LEMO to MICRODOT
Cable in 1.8 meter length of RG - 174 coaxial with water proof

PRODUCT ID : UTAA - 10018
MINI LEMO to Right Angle MICRODOT
Cable in 1.5 meter length with double plug of RG - 174 coaxial cable with water proof



PRODUCT ID : UTAA - 10019
MINI LEMO to MINI LEMO
Cable in 1.8 meter length of RG - 174 coaxial cable with water proof



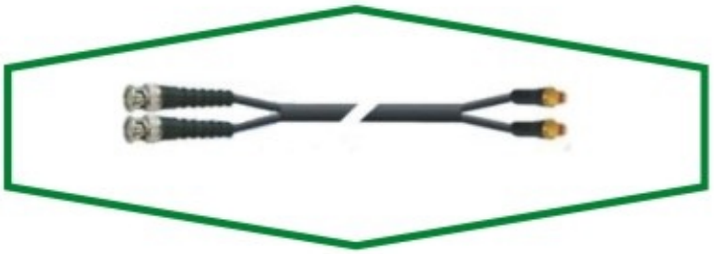
PRODUCT ID : UTAA - 10020
MINI LEMO to LEMO
Cable in 1.8 meter length of RG - 174 coaxial cable with water proof

STANDARD CABLES

PRODUCT ID : UTAA - 10021
LEMO to MICRODOT
Cable in 1.8 meter length of RG - 174 coaxial cable with water proof

PRODUCT ID : UTAA - 10023
LEMO to LEMO
Cable in 1.8 meter length of RG - 174 coaxial cable with water proof

PRODUCT ID : UTAA - 10022
LEMO to Right Angle MICRODOT
Cable in 1.8 meter length with double plug of RG - 174 coaxial cable with water proof



PRODUCT ID : UTAA - 10016
Dual BNC to MICRODOT
Cable in 2 meter length of RG - 174 coaxial cable with water proof

NDT Equipment Manufacturing & Supply
Eiganesveien, 14, Stavanger,
Ph No : +47 97304006

NORMAL CABLES

PRODUCT ID : UTAA - 20001
BNC FEMALE TO LEMO FEMALE ADAPTOR

PRODUCT ID : UTAA - 20003
LEMO MALE to BNC MALE ADAPTOR

PRODUCT ID : UTAA - 20002
BNC Male TO MINI LEMO FEMALE

PRODUCT ID : UTAA - 20004
LEMO MALE TO MINI LEMO FEMALE ADAPTOR

STANDARD CABLES

PRODUCT ID : UTAA - 20005
MINI LEMO MALE TO LEMO FEMALE ADAPTOR

PRODUCT ID : UTAA - 20007
BNC MALE TO SUBVIS FEMALE ADAPTOR

PRODUCT ID : UTAA - 20006
BNC MALE TO MICRODOT FEMALE ADAPTOR

PRODUCT ID : UTAA - 20002
BNC Male TO MINI LEMO FEMALE

NDT Equipment Manufacturing & Supply
Eiganesveien, 14, Stavanger,
Ph No : +47 97304006