

# Umbilicals and Cables



## Microbe/Rotix Encoder Breakout Box

UMA003

The Encoder Breakout Box is used to input X and Y encoder feedback into the instrument being used. Contact Jireh for custom patch cords from the breakout box to instrument.



## Microbe/Rotix Integrated Umbilical

UMA004-

The Integrated Umbilical is used to input X and Y encoder feedback into the instrument being used. It also includes four coax cables and a coupling fluid tube.

A - Flying Leads  
J - Breakout Bell  
(see figure 3)

Cable Length (m)  
03  
05  
10  
15

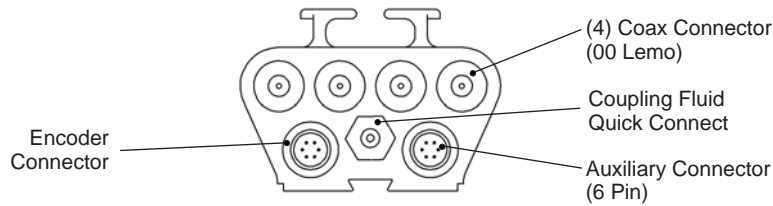


Figure 1



## Microbe/Rotix Encoder Cable

UMA005-

The Encoder Cable is used to input X and Y encoder feedback into the instrument being used.

Instrument end termination (see umbilical style chart)

Cable Length (m)  
03  
05  
10  
15

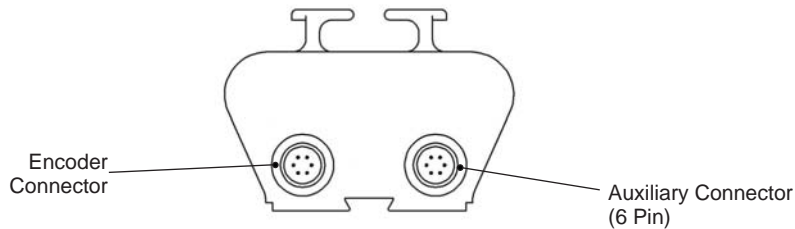


Figure 2



## Low Profile Encoder Cable

UMA006-

The Low Profile Encoder Cable is used in low profile applications to input X and Y encoder feedback into the instrument being used.

Instrument end termination (see umbilical style chart)

Cable Length (m)  
03  
05  
10  
15



## Jireh Bell to Instrument Encoder Cable

UMA007-

This cable is used to provide single axis encoder feedback into the instrument being used.

Instrument end termination (see umbilical style chart)

Cable Length (m)  
03  
05  
10  
15



## Jireh Encoder to Instrument Encoder Cable

UMA008-

This cable is used to provide single axis encoder feedback from a standard Jireh encoder assembly into the instrument being used.

Instrument end termination (see umbilical style chart)

Cable Length (m)  
03  
05  
10  
15

## Umbilical Style

Use the Umbilical Style chart below to determine which type of connectors are necessary for your instrumentation.

Umbilical	Company/Instrumentation
A	Flying Leads
B	Olympus OmniScan
C	Olympus Focus LT
E	Olympus Epoch XT
N	Olympus UMB1 Umbilical (single axis encoder output)
B	Harfang X32
F	AGR TD Focus Scan
F	AGR TD Handy Scan
F	AGR TD Scan
F	AGR TD Pocket Scan
G	Sonotron Isonic
J	Jireh Breakout Bell (see Figure 3 below)*
K	AIS NP3 Nanopulser
L	US Ultratek PCIUT3100T
M	Scantech Analyst
P	Sonatest VEO
B	Zetec ZIRCON

\* only available with UMA004 Umbilical

### Jireh Breakout Bell

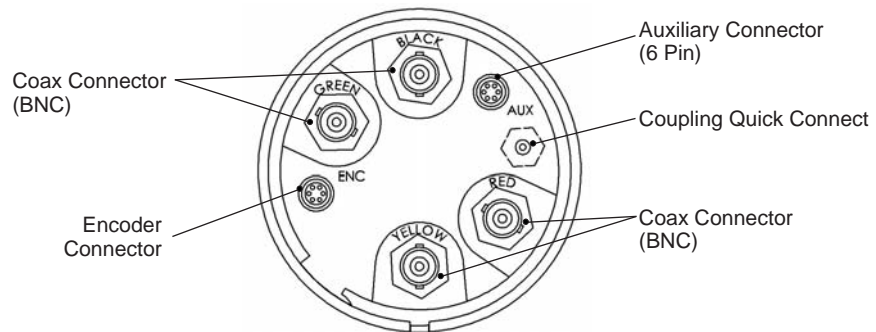


Figure 3