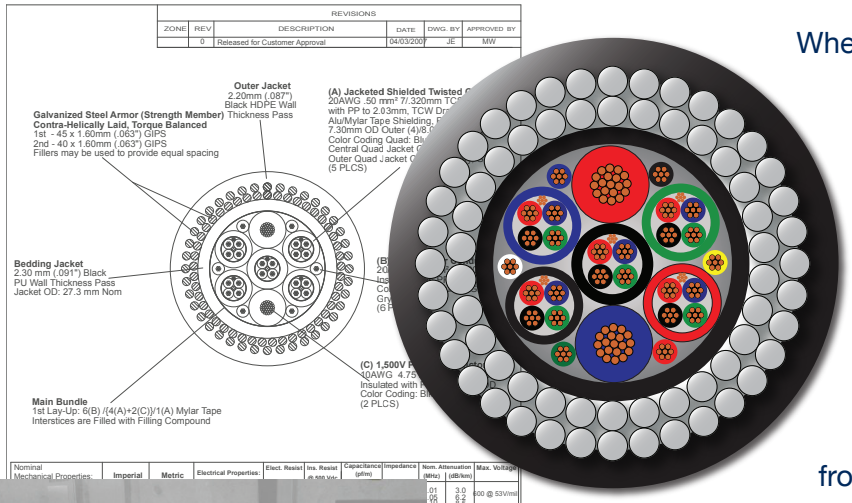
umbilicals international

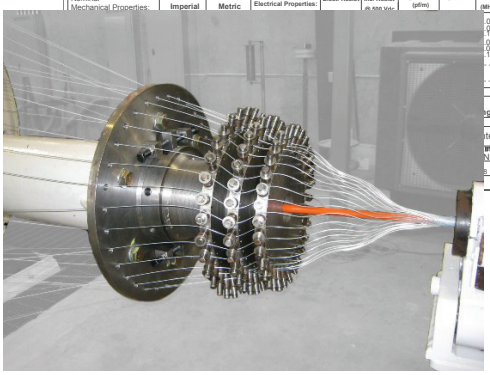
dynamic cable & umbilical solutions

BOP MUX Cables

In deepwater drilling the subsea Blow Out Preventer (BOP) is controlled by a combination of hydraulics and electronics. Shallow water BOP's can be controlled purely with hydraulics however, as the distance between the surface control system and the subsea BOP increases, the response time of the hydraulic control signals are unacceptable.

These electro-hydraulic BOP control systems ensure a rapid actuation of the subsea BOP and a multiplexer (MUX) allows detailed commands to be sent to the BOP over a compact MUX cable design. Umbilicals International has the expertise in design and manufacture of a range of cables ensuring the MUX cable offered meets the contractors BOP MUX requirements.





Whether the requirement is for the supply of a recognized design or innovative new construction, the team of engineers located at the corporate office in Houston, Texas are able to design and produce a cable quickly and cost effectively.

The MUX cable is armored for strength, finished with a Polyurethane outer jacket. Within the cable you will find a number of communication lines from copper Shielded Twisted Pairs (STP) to more sophisticated Fiber-Optics (FO).

We provide the Highest quality products, competitive pricing and unmatched service which helps distinguish Umbilicals International from the competition. Be sure to contact UI for all of your harsh environmental cable requirements.