

Robust & Reliable Fiber Optic Cable

What fiber optic cable can withstand this?

Neither a heavy 55-ton tank nor a vicious rodent can interrupt the fiber optic data passing through the BRUmil cable.

Description:

Brugg Cables has developed an extremely robust and high reliable fiber optic cable to provide secure communications for the modern defense forces.

BRUmil - outstanding properties:

Most rugged tactical fiber-optic cable available

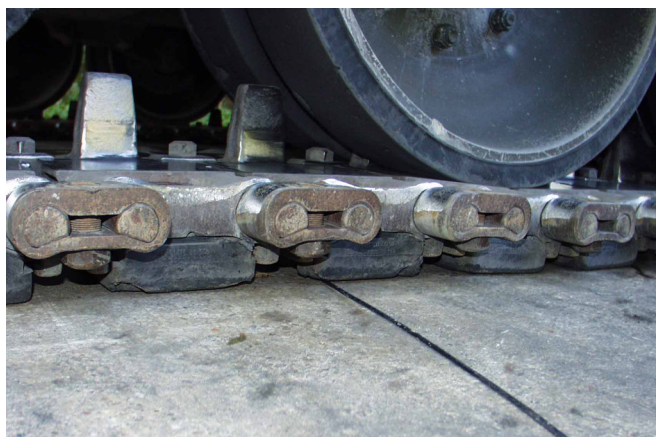
- Communication not impacted by tank roll over
- Three times the crush resistance and twice the tensile strength of non-metallic fiber optic cables.
- Completely rodent proof cable (non-metallic cables are destroyed)
- High length to volume ratio, e.g. small packing volume due to extremely small cable diameter.
- Up to 1 km BRUmil 2-4 F can be deployed from a backpack by a team of two soldiers over any terrain.
- Cable available with 1-, 2-, 4- or 8-fibers in single or multimode configurations.
- Cable can be spanned over rivers or other obstacles up to distances well in excess of 100 m without the need for a supporting wire

Cable Systems, Accessories and Services offered:

- Preassembled cable assemblies with military lens- or butt joint connectors wound on applicable reel
- Adaptor cable assemblies, e.g. from bulkhead to LC, ST or any standard connectors
- Backpack, hand- or vehicle reels and winding frames
- Deployment aids, wedge clamps, masts and accessories
- Training for deployment, repair and cable testing in the field
- BRUGG MILLE systems as:
 - Optical Media Converter
 - Rapid Deployment Communication System
 - Remote Power Supply
 - Surge and Lightning Protection System
 - Distribution Bar for Data and Power
- Solution engineering and system design



Leopard tank 55-tons



Leopard tank runs over BRUmil cable on a concrete runway



Rodents attack with bite forces of 600 N