



CABLE

**Dynamic
and
Demanding
Environments**

*...Your partner in high performance
connection technology!*

General information
Please contact us for
further details.

www.gigalink-mce.com

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CABLES FOR DEMANDING APPLICATIONS

Gigalink MCE has a vast experience in the design and manufacture of high performance custom-designed cables. We use different cable constructions and different materials to meet the most demanding applications. Elements may include signal, power, coaxial, fibre, pneumatics and any number of pairs, triples, etc, individually or overall screened, to meet specific electrical requirements.

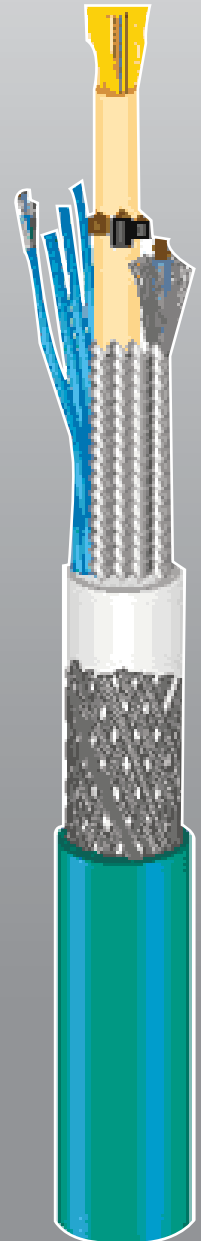
With the range of materials which we use we are able to offer a cost effective solution, without accepting any concession on the performance of the cable.

We offer specific conductor constructions as well as different methods of screening, depending on the electrical requirements and mechanical characteristics needed.

Mechanically we use stress members of different materials like Kevlar and Steel depending on the application of the cable.

Jacket materials are determined keeping considering the environment and the use of the cable. We have special low friction materials for cables which are used on a reel. Last but not least we fulfil the latest norms concerning fire propagation, toxicity and environmental issues.

If special construction, flexibility, high temperatures, mechanical stress, or any other requirement is applicable for your cables, please contact us and let us help you. We are convinced you will use our solution for your cable problem.



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THE MAIN MARKET AREAS ARE :

- Telecommunications
- Protection and defence systems
- Mining industry
- Food industry
- Textile industry
- Wood industry
- Chemical industry
- Oil industry
- Glass and ceramic industry
- Machine tool industry
- Control and testing machine industry
- Navy and shipyard industry
- Geophysical industry
- Automotive industry
- Aeronautical industry
- Railway industry
- Airport industry

THE MAIN APPLICATION AREAS ARE :

- High – and low temperatures
- Robotics and elevators
- Halogene Free
- Flame retardent / Fire resisting
- Radiation tolerant
- Chemical resistance
- Pressure resistant, water blocked underwater cable
- Mechanical stress. dynamic application
- Thermocouples



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INSULATION AND JACKET MATERIALS

ETFE	Ethylentetrafluorethylene
FEP	Fluorine-ethylene-propylene (Teflon®)
PVDF	Polinvinylidene fluoride
EPR	Ethylene-propylene rubber
SI	Silicone Rubber
TPR	Alcryn® Thermoplastic rubber
TPR	Santoprene® thermoplastic rubber
LSOH	Low smoke zero halogen crosslinked compound
LSOH	Low smoke zero halogene thermoplastic compound
MFA	Methylvinyletherfluoralkoxy PFA Perflouroalkoxy
PA	Polyamide
PETE	Thermoplastic Polyester elastomer
PI	Polyimide (Kapton®)
PP	Polypropylene
HDPE	High density Polyethylene
LDPE	Low density Polyethylene
XLPE	Crosslinked Polyethylene
PTFE	Polytetrafluoroethylene
PUR	Polyurethane
PVC BT	70 and 105° C PVC BT Low temperature Polyvinyl chloride
PVC OR	Oil resistant Polyvinyl chloride
SPE	Silicone Polyetherimide Copolymer



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