BizLink

Installation recommendations

for marine & offshore cables

The basis for all installation work of marine & offshore cables from BizLink are the technical data specified in the data sheets.

THE FOLLOWING RECOMMENDATIONS ARE VALID FOR ALL CABLES ›

All installation work should only be carried out by instructed qualified personnel. The cables to be installed must be selected in such a way that they comply with the specified operating conditions and can withstand the anticipated environmental influences.

The installation work should only be carried out with cables at a uniform temperature, observing the minimum laying temperature.

During the installation, it is forbidden to connect the cables.

While installation work is being carried out, the cables may only be subjected to a uniform tensile force. This may be a maximum of 50 N/mm² copper wire conductor cross-section for power and control cables, but a maximum of 1000 N unless other values are specified in the data sheet.

Cables for fixed installation must be permanently fastened in an appropriate manner after being pulled in. This fastening must not damage or cut the cable.

Further installation specifications are contained in the EN 50565-1 standard.

For Ethernet cables of categories 5e, 6, 6A and 7, the following applies additionally ›

If during installation work the minimum bending radius of the cables was not reached or the maximum permissible tensile force during installation was exceeded, the cable must be measured for compliance with the transmission parameters before further processing. If this is not possible, the cable must be replaced.

For Ethernet cables with functional integrity in case of fire, the following also applies ›

The maximum free pull length of the cables should not exceed 20 meters. If the installed cable is longer, a strain reduction should be made every 20 metres.

For Ethernet cables installed in explosive atmospheres ›

The specifications of the IEC 60079 standard are also applicable.

BizLink Special Cables Germany GmbH
Eschstrasse 1, 26169 Friesoythe, Germany · T +49 4491-291-5010 · marine_info@bizlinktech.com · Follow us on LinkedIn

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