

Introduction

All Aboard and Shipshape

Conditions at sea can get rough, so reliable communication is vital. Equipment must function well at all times and in all weathers. Belden cables meet the highest international marine standards – serving across the seven seas.

Belden's new Shipboard & Offshore cable line is comprised of Belden Brilliance®, DataTwist® and classic design cables designed to implement a wide range of shipboard audio, video, security, networking, control, instrument, communication and power applications. The Belden shipboard series also includes a selection of all-dielectric fiber optic cables.

Key Applications

- Navigational instruments
- A/V equipment
- Propulsion and control system
- Marine networking

Special Features

- Delivery of the highest quality A/V performance to operators and owners of private yachts, and passengers and crew on commercial ships.
- Fast, easy installation using standard connectors, with no special installation techniques or equipment required.
- Exclusive and unmatched Belden 10 Year Warranty.

Availability

To assist you in selecting the approval of the proper cable for your application, the approval logos are indicated for each applicable product in this section.

Most of our Shipboard & Offshore cables are available from stock. Many of these are available off the shelf from distributors. If you have a new or unusual application or you cannot find a Shipboard & Offshore cable in this catalog section that meets your technical requirements contact technical support at +31-77-3875-414 or techsupport.venlo@belden.com.

Corresponding Literature

Product Bulletins

NP222: Shipboard Audio/Video ABS approved by ABS for Marine Installations

Meeting the Standards

Cables comply with industry standards IEEE 45 and applicable sections of IEC 60092-376 for low-smoke and zero-halogen. Because of the global nature of the marine industry, the cables are designed and manufactured to comply with European Union RoHS Directive (2002/95/EC, 27-Jan-2003) governing the Reduction of Hazardous Substances in electrical and electronic equipment.

All Belden Shipboard & Offshore cables are designed to match the type approval program from either:

- ABS (American Bureau of Shipping) is the most widely recognized Safety Standards organization serving the shipbuilding and marine structures industries. This offers third-party certification of products – known as “Type Approval Program”. With ABS approval, no additional special approvals or insurance company exceptions are required for Belden cable system installations. 

or

- GLC (Germanischer Lloyd Certification) offers an independent and professional service for the evaluation of management systems. The Germanischer Lloyd network is a very wide international service covering more than 135 countries. 