



# Fire Resistant Cables

Maintaining communication in worst case scenarios  
Designed for the most challenging & hazardous environments.

## Product Highlights

- Twisted-Pair Data Cables
- Cat. 5e up to Cat. 7A
- BUS & Industrial Ethernet Cables
- Instrumentation, Control & Signal Cables
- FiberOptic Cables
- Custom Made Hybrid Cables
- Fire resistant up to 930°C
- Flame retardant
- Low Smoke - Zero Halogen jacketing
- NEK 606 MUD Resistant
- Available with various armoring

**Teldor's** unique Fire Resistant cables for "Mission Critical" applications, are designed with Fire retardant low smoke, zero halogen jacketing materials.

During fire disasters, fire, smoke, heat and toxic fumes may prevent the safe evacuation of persons as well as prohibit communication with people and equipment in the affected areas. It is imperative to ensure operation and transmission capabilities in order to guarantee safety, maintain the ability to send commands, receive data and operate equipment in order to prevent or reduce damage to a bare minimum. **Teldor's** fire resistant cables are safe for installations in hazardous locations from Class I, Divisions 1 and 2, Zone 0 to Zone 2 enabling gradual shut down of chemical processes in petrochemical plants and other hazardous areas. Maintaining cable integrity is the key to safe operations under extreme conditions.

**Teldor's** Fire resistant cables will continue operating under the most challenging conditions - meeting and exceeding the stringent IEC 60331-21/22, 23 & IEC 60331 -25 flame test requirements circuit integrity during fire.

## Benefits

- Critical data in real time
- Maintain circuit integrity; ensuring communications under worst case conditions
- Safety for life and equipment
- Best in class

## Technical portfolio

- A wide range of conductors: fiber, copper & hybrid
- Shielding: braid or foil individual and/or overall shielding
- Armoring: served steel wire, stainless steel and bronze braids, corrugated steel tapes & more
- Jacketing: SHF 1, SHF 2, MUD resistant
- Resistance to Chemicals: oils, fuels, MUD, chemical sprays
- Resistance to corrosive environments
- Resistance to high and low temperatures including cold bend & impact according to CSA 22.2
- Mechanical strength, robust and reliable withstanding mechanical impacts
- Simple and easy installation
- Vibration resistance



## Off-Shore Applications:



Oil Platforms  
Living Quarters



FPSO



Tankers



FLNG



Commercial  
Vessels



Cruise  
Ships

## On-Shore Applications:



Power Plants



Petrochemical  
Plants



Wind Farms



Solar Farms

**Teldor** continues to lead the way in quality and innovation, with years of proven performance enabling smooth operations in thousands of installations supporting leading global customers.

**Teldor** offers a wide variety of cables for a diverse range of applications, with multiple construction materials and designs to suit your requirements as well as special custom made cables to meet unique specifications.

