



 Hitachi Cable America Inc.

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Since 1986, Hitachi Cable America has been designing and manufacturing cables at our Manchester, NH facility. Our cables are built to exceed the standards to which they are tested and deliver maximum, consistent performance to the user. Our oil, gas and mining cables are an example of our tradition of building robust cables that work where others fail.

**Other Products from Hitachi Cable America:**

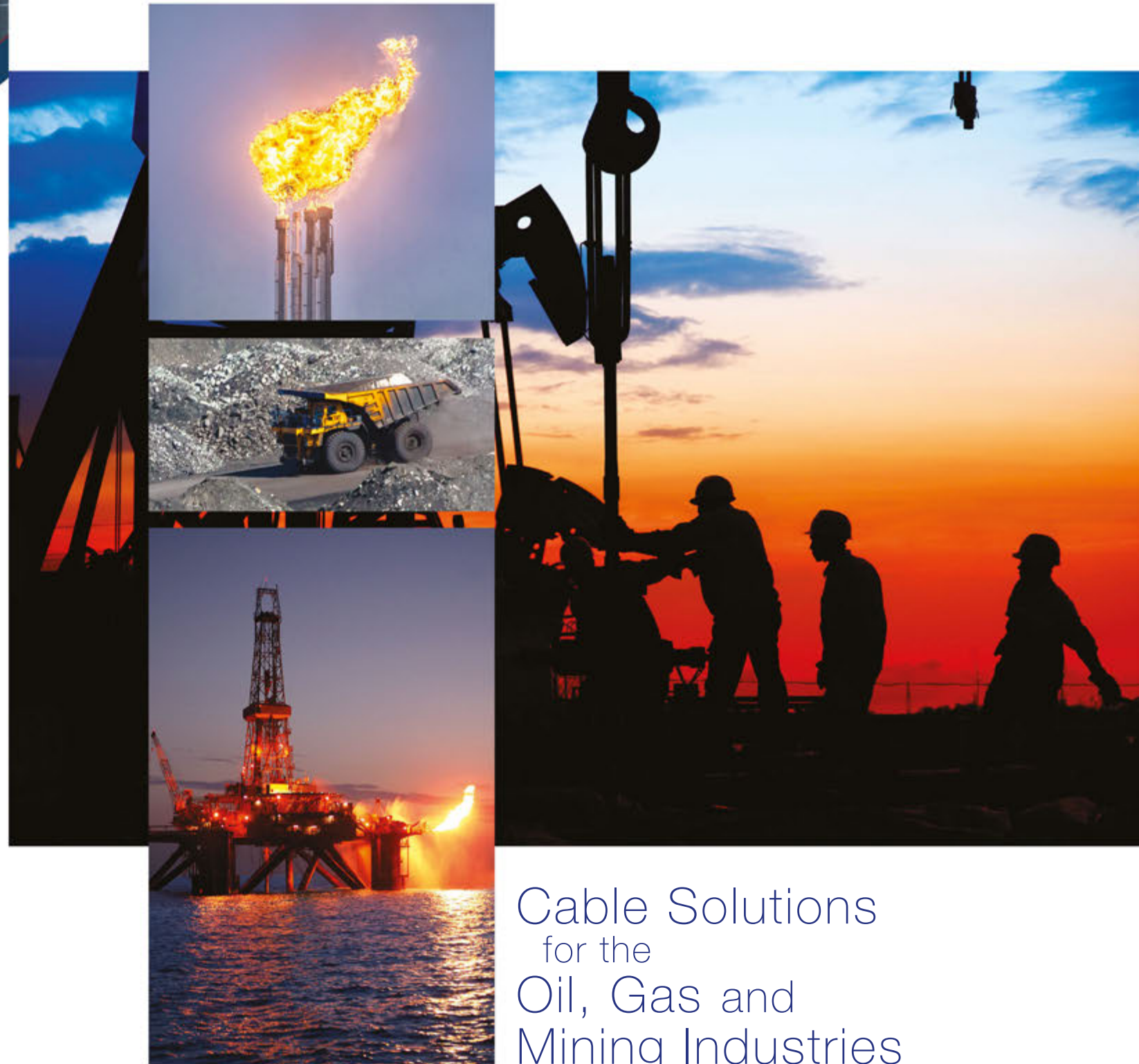
- Shielded Category 5e, 6, 6A Cables
- Category 7 & 7A Cable
- Fiber Optic Cables (indoor, outdoor & armored)
- NanoCore™ Fiber Optic Cables
- Industrial Ethernet Cables
- Coaxial & Mini-coaxial Cables
- ChannelFlex™ Cabling System
- Round & Ribbon Electronic Cables



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Cable Solutions  
for the  
Oil, Gas and  
Mining Industries

# Oil & Gas Cables

## Fiber Optic Cables

### MudGuard-EX™

- NEK 606 Compliant
- Excellent low temperature flexibility (-55°C)
- Flame retardant
- Bronze or stainless steel braid options
- Distribution or Breakout constructions

### Capabilities:

#### Jacket Types:

- Polyurethane (flame retardant; oil & gas resistant)
- LSZH (flame retardant; oil & gas resistant)
- Specialty compounds

### Braid Options:

- Bronze
- Stainless steel

### Performance Options:

- Low temperature flexibility (-55°C)
- High temperature (+80°C)
- MUD resistance

### Constructions:

- Distribution style (up to 24 fibers)
- Breakout style (up to 24 fibers)
- Hybrids
- Fiber types: 50/125, 62.5/125, 9/125

## Copper Cables

### Ultrasound Pipeline Inspection Cables & Assemblies

- 38 AWG - 50 ohm microcoaxials
  - Smaller guages available (40,42 or smaller)
  - Multiple conductor (18, 32/34, 64/68)
- TPU Jacket
- Used for ultrasound array assemblies. Contact HCA for assembly capabilities.



# Mining Cables

## Fiber Optic Cables

### Indoor/Outdoor Fiber Optic Cables

- MSHA listed
- Available with OS2 and OM1 fiber optic glass

### Tactical Fiber Optic Cables

- MSHA pending
- Superior durability
- Bend-insensitive glass

### Leaky Coaxial

- MSHA Approved
- 75 +/- 3 ohms open spline design
- 11 AWG Solid Bare Copper
- PE inner jacket with yellow PVC outer jacket
- Outside diameter of .627 inches (15.9 mm)

### Outside Plant Fiber Optic Cables

- Robust construction with PE jacket
- Gel filled design prevents moisture penetration

## Copper Cables

### Composite Copper & Fiber Optic Cables

- Copper / fiber composite cables for wireless communications
- Power wires (available: 6 to 12 AWG)
- Alarm wires (18 AWG)
- Fiber cables (Available: 4-48 fibers)

### Flexible Flat Cables (FFC)

- Applications include electronic equipment and flat panel display. Please see our Flexible Flat Cable catalog for more information.

