



# GORE™ Geophysical Seismic Cable

*Bonded Telemetry Quads*

## Highest Transmission Stability

Using innovative material technologies, GORE™ Bonded Telemetry Quad Cables provide the highest transmission stability for marine geophysical exploration applications.

Gore's low dielectric constant, expanded PTFE (ePTFE) and PTFE materials enable the bonding of the quads. This reduces the overall diameter and weight of the cables. The result is a smaller outer diameter, enhanced floatation characteristics, and the highest signal integrity under mechanical stress for streamer cables.

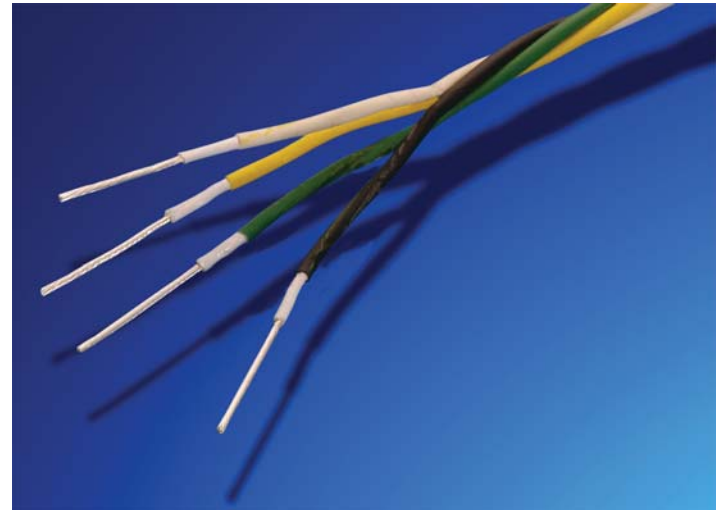
The specific location of each insulated, silver-plated conductor bonded throughout the entire length of the quad maximizes the electrical performance and reliability during flex. Gore uses only the highest quality, multi-layered, concentric, and pin-hole free insulations over each conductor. Each material is compatible with streamer fluids, other floatation media, and can operate in wide temperature ranges.

The data transmission performance of GORE™ Bonded Telemetry Quad Cables remains high, consistent, and reliable throughout its life cycle. GORE™ Bonded Telemetry Quad Cables have over 5 years of proven performance and unsurpassed reliability in marine streamer cables around the world.

### TECHNICAL DATA FOR 20 AWG GORE™ BONDED TELEMTRY QUAD CABLES

Operating Voltage	600 V DC
Breakdown Voltage	>1000 V AC @ 50 Hz
Impedance	
• In air	136 ±5 Ω
• In streamer fluid	128 ±5 Ω
Attenuation @ 10 MHz	
• In air	≤6.7 dB/150 m
• In streamer fluid	≤7.3 dB/150 m
Insulation Resistance	>200 MΩ*km @ 500 V DC
Temperature Range	-100°C up to +200°C
Outer Diameter	4.6 mm
Weight	38 kg/km

For technical information on other gauge sizes, please contact Gore.



### Size optimized cables with highest reliability

#### KEY FEATURES

- Gore's bonding technology
- Pinhole-free insulation utilizing ePTFE and PTFE insulation material
- No fluid penetration between components
- Lightest weight
- Smallest diameter

#### KEY BENEFITS

- Longer cable life (reduced overall costs)
- Smaller streamer cable diameter
- Highest signal stability under mechanical stress and movement
- Reliable electrical performance in fluids
- Low crosstalk
- Lowest attenuation

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North America  
1 (800) 445-GORE (4673)

Europe  
+49 9144 6010  
+44 1382 561511

International  
1 (302) 292-5100

China: Beijing  
+86 10 6510 2980

China: Shanghai  
+86 21 6247 1999

China: Shenzhen  
+86 755 8359 8262

[gore.com](http://gore.com)

More international phone numbers can be found at [gore.com/phone](http://gore.com/phone)

Japan  
+81 3 3570 8712

Korea  
+82 2 393-3411

Taiwan  
+886 2 8771 7799

Singapore  
+65 6 733 2882

