

TECHNICAL DATA SHEET

TDS-250501-1

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| Product Name                        | VOD PROBECABLE-LR "BLUE"™ (1000 m)                                                                                                                                                                                                                                                                                                                                                                                             |
| Manufacturer's Part Number          | 1-05-06                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Manufacturer                        | MREL Group of Companies Limited<br>5-779 Sir John A MacDonald Blvd<br>Kingston Ontario K7L 1H3<br>Canada<br>T: +1 613.545.0466<br>Email: <a href="mailto:sales@mrel.com">sales@mrel.com</a><br>Website: <a href="http://www.mrel.com">www.mrel.com</a>                                                                                                                                                                         |
| Country of Manufacture              | Canada                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Harmonized System Code (HS)         | 8544.20.00                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Customs Description                 | Electrical Wire                                                                                                                                                                                                                                                                                                                                                                                                                |
| Type of Wire/Cable                  | Coaxial Cable                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Material of Central Conductor       | Ni-chrome                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Type of Center Conductor Insulation | PVC (Polyvinyl Chloride)                                                                                                                                                                                                                                                                                                                                                                                                       |
| Level of Shielding                  | 85% Tinned Copper braid shield (3 x 38 AWG)                                                                                                                                                                                                                                                                                                                                                                                    |
| Type of Exterior Insulation         | PVC (Polyvinyl Chloride)                                                                                                                                                                                                                                                                                                                                                                                                       |
| Impedance Characteristic            | 50 ohm                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Weight per unit of length           | Approximately 10.5kg/1000m                                                                                                                                                                                                                                                                                                                                                                                                     |
| Packaging                           | 1000 m in a specialized interior fibreboard box (10.5 kg, 30 x 32 x 33 cm) over packed in an exterior fibreboard box.<br>Gross Weight and Dimensions: 11.5 kg, 36 x 36 x 37 cm.                                                                                                                                                                                                                                                |
| Manufacturer's Description          | Custom, calibrated resistance cable for use in explosives in blastholes to monitor the continuous explosives VOD and hole/deck delay times. VOD PROBECABLE-LR "BLUE" is recommended for operators recording across multiple or many multiple holes. Supplied in "Reel in a Box" boxes. Packaged 1,000 m (3,280 ft.) per box. Compatible with all MREL VOD Recorders except for the HandiTrap™ and HandiTrap II™ VOD Recorders. |
| Typical Customers and Use           | Explosives Manufacturers, Explosives Users such as mines and quarries, Explosives Researchers such as Universities and Governments. Used only in mining blastholes to test the performance of the explosives in the blastholes when the cable is connected to MREL's proprietary data recorders.                                                                                                                               |

Photograph



**CERTIFICATION OF PROPRIETARY PRODUCT**

This is to certify that the product **VOD PROBECABLE-LR "BLUE"™ (1000 m)** (Manufacturer's Part Number: 1-05-06) is a **proprietary product of MREL Group of Companies Limited**, exclusively manufactured and tested by MREL for global use.

This product undergoes MREL's proprietary testing program, including the following standards:  
MRELSTANTST 100, 101, 102, 207, 208, 209, 210, 300, 301, 302, 303, 400, 401.

No other manufacturer worldwide is authorized or certified to produce this product for safe and accurate use with MREL's VOD Recorders.



CERTIFIED: 01 MAY 2025