

TECHNICAL DATA SHEET

TDS-250501-3

Product Name	VOD PROBECABLE-K "KEVLAR"™ (1000 m)
Manufacturer's Part Number	1-05-07
Manufacturer	MREL Group of Companies Limited 5-779 Sir John A MacDonald Blvd Kingston Ontario K7L 1H3 Canada T: +1 613.545.0466 Email: sales@mrel.com Website: www.mrel.com
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 10.0kg/1000m
Packaging	1000 m in a specialized interior fibreboard box (10.1 kg, 31 x 27 x 26 cm) over packed in an exterior fibreboard box. Gross Weight and Dimensions: 11.0 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-K "KEVLAR" contains Kevlar and is recommended for operators recording across single or multiple holes in blasting situations where the VOD PROBECABLE in the hole incurs very high shocks due to holes detonating on previous delays. 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-K "KEVLAR"™ (1000 m)** (Manufacturer's Part Number: 1-05-07) 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