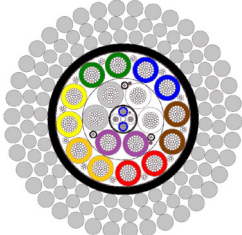


## Trencher umbilicals

Fibron has the proven capability to design and manufacture high voltage and high working-load trencher umbilicals, which offer performance and reliability at depth in the most extreme conditions.

RM0005	
Finished diameter	58.0mm
Weight in air	12,650kg/km
Weight in seawater	9,950kg/km
Minimum dynamic bend radius	800mm
Minimum breaking load	1,975kN



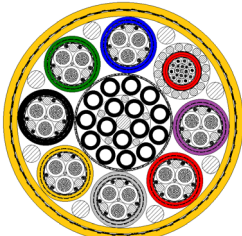
**Contents**

- 4 x 1.34mm<sup>2</sup> conductors
- 18 x 10mm<sup>2</sup> conductors
- 3 x 4 SM FIST units

## Mining umbilicals

Fibron's crawler and mining umbilicals are designed to be tough and durable enough to withstand the harshest of environments. Generally, they will comprise reinforced high pressure hydraulic hoses, along with the necessary power and communications cables. In addition to the umbilical itself, Fibron can also help with the design and supply of the necessary terminations.

RM0057	
Finished diameter	186mm
Weight in air	39,100kg/km
Weight in seawater	14,350kg/km
Minimum dynamic bend radius	1,800mm
Minimum breaking load	100kN



**Contents**

- 16 x 3/8" 345 bar hoses
- 10 x 4mm<sup>2</sup> conductors
- 21 x 70mm<sup>2</sup> conductors
- 4 x 15 MM FIST units