

Deep ocean research umbilicals

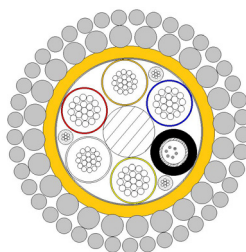
Fibron has a strong history of supplying steel armoured electro-optic umbilicals for deep ocean research to some of the leading organisations in this field.

As experts in this sector, Fibron have developed superior armouring technology, along with the ability to transmit high voltage power and signal in smaller diameter, dynamic packages. Fibron have supplied continuous lengths of these types of umbilical in excess of 10,000m.

These solutions have been successfully and independently tested, giving reassurance that Fibron's deep ocean research umbilicals will perform reliably in even in the deepest, harshest environments.

RM0026

Finished diameter	19.1mm
Weight in air	1,260kg/km
Weight in seawater	960kg/km
Minimum dynamic bend radius	260mm
Minimum breaking load	200kN

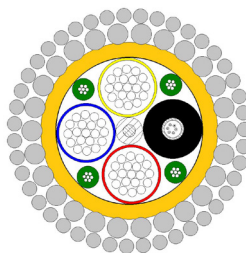


Contents

- 2 x 2.5mm² conductors
- 3 x 4mm² conductors
- 1 x 5 SM + 1 MM FIST unit

RM0047

Finished diameter	19.7mm
Weight in air	1,303kg/km
Weight in seawater	990kg/km
Minimum dynamic bend radius	394mm
Minimum breaking load	217kN

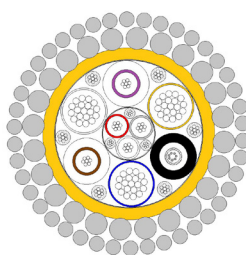


Contents

- 3 x 8mm² conductors
- 1 x 5 SM + 4 MM FIST unit
- 4 x 0.5mm² earth conductors

RM0069

Finished diameter	28.5mm
Weight in air	2,750kg/km
Weight in seawater	2,050kg/km
Minimum dynamic bend radius	570mm
Minimum breaking load	431kN



Contents

- 5 x 0.92mm² conductors
- 3 x 8.4mm² conductors
- 1 x 7 SM FIST unit