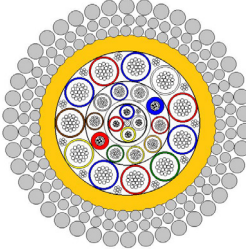
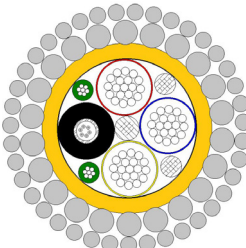
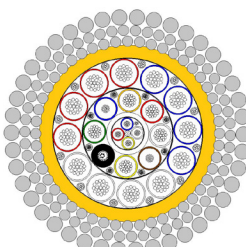
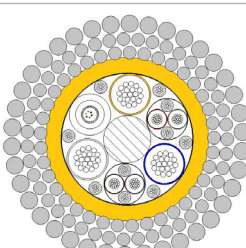
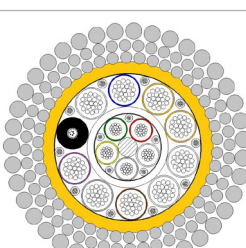


## ROV main lift umbilicals

Fibron's ROV main-lift umbilicals are individually designed and manufactured to meet our customers' specific requirements.

With an enviable track record in the supply of steel armoured electro-optic main-lift umbilicals to many major system builders and operators, Fibron's designs are the result of years of expertise, experience, and extensive testing. Our advanced and field-proven armour packages along with our ability to offer umbilical lengths in excess of 10km provides our customers with the reliability and versatility they demand.

<b>RM0037</b>			<b>Contents</b> <ul style="list-style-type: none"> <li>• 4 x 0.6mm<sup>2</sup> conductors</li> <li>• 8 x 1.5mm<sup>2</sup> conductors</li> <li>• 11 x 4mm<sup>2</sup> conductors</li> <li>• 2 x 4 SM FIST units</li> </ul>
Finished diameter	35.1mm		
Weight in air	4,200kg/km		
Weight in seawater	3,200kg/km		
Minimum dynamic bend radius	480mm		
Minimum breaking load	680kN		
<b>RM0049</b>			<b>Contents</b> <ul style="list-style-type: none"> <li>• 3 x 5mm<sup>2</sup> conductors</li> <li>• 1 x 6 SM FIST unit</li> <li>• 2 x 0.5mm<sup>2</sup> earth conductors</li> </ul>
Finished diameter	17.3mm		
Weight in air	1,060kg/km		
Weight in seawater	815kg/km		
Minimum dynamic bend radius	355mm		
Minimum breaking load	185kN		
<b>RM0060</b>			<b>Contents</b> <ul style="list-style-type: none"> <li>• 4 x 0.6mm<sup>2</sup> conductors</li> <li>• 2 x 1mm<sup>2</sup> conductors</li> <li>• 5 x 3mm<sup>2</sup> conductors</li> <li>• 12 x 5mm<sup>2</sup> conductors</li> <li>• 1 x 6 SM FIST unit</li> </ul>
Finished diameter	41.2mm		
Weight in air	5,700kg/km		
Weight in seawater	4,350kg/km		
Minimum dynamic bend radius	700mm		
Minimum breaking load	880kN		
<b>RM0066</b>			<b>Contents</b> <ul style="list-style-type: none"> <li>• 4 x 1.34mm<sup>2</sup> conductors</li> <li>• 3 x 8.4mm<sup>2</sup> conductors</li> <li>• 1 x 6 SM FIST unit</li> </ul>
Finished diameter	34.1mm		
Weight in air	4,100kg/km		
Weight in seawater	3,150kg/km		
Minimum dynamic bend radius	750mm		
Minimum breaking load	695kN		
<b>RM0067</b>			<b>Contents</b> <ul style="list-style-type: none"> <li>• 5 x 2.5mm<sup>2</sup> conductors</li> <li>• 9 x 8.4mm<sup>2</sup> conductors</li> <li>• 1 x 6 SM FIST unit</li> </ul>
Finished diameter	39.7mm		
Weight in air	5,600kg/km		
Weight in seawater	4,350kg/km		
Minimum dynamic bend radius	790mm		
Minimum breaking load	880kN		