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Fibre Optic Cables

FREECALL 1800 354 836

COLOURED

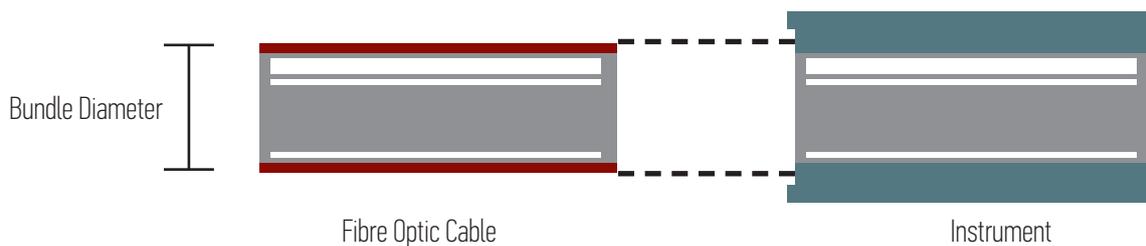
Fibre Optic Cables

Use of the highest grade fibre optic components ensures each cable offers optimal performance. Each cable is high temperature xenon compatible, rated to the highest level of thermal resistance and tested to assure the highest light output possible.



Bundle Size

Use of the correct bundle size is important



| Fibre Optic Cable Bundle Size |
|-------------------------------|
| 2.2mm |
| 3.0mm |
| 3.8mm |
| 4.8mm |
| 5.0mm |

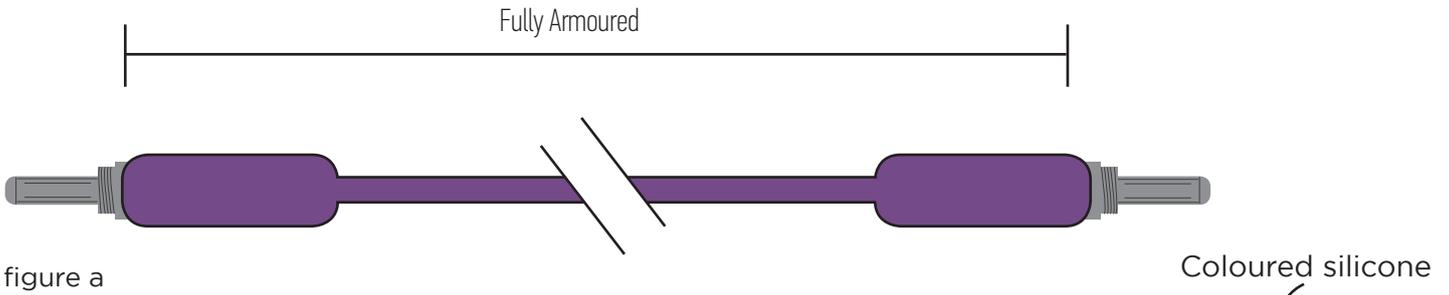
Each optic coupling point (connection) means a loss of approximately 20% of transmitted light. This loss is converted into heat, which may cause damage to the scope and light cable if the loss is too high.

To minimise the risk of overheating the contact areas, the correct selection of bundle diameter of the fibre light cable is of great importance.

To obtain optimum light transmission, the diameter of the fibre core on the scope has to be equal to that of the light cable. If the light cable is too large in diameter the coupling point of the scope becomes extremely hot. This can lead to damage to the scope and potentially burn the user.

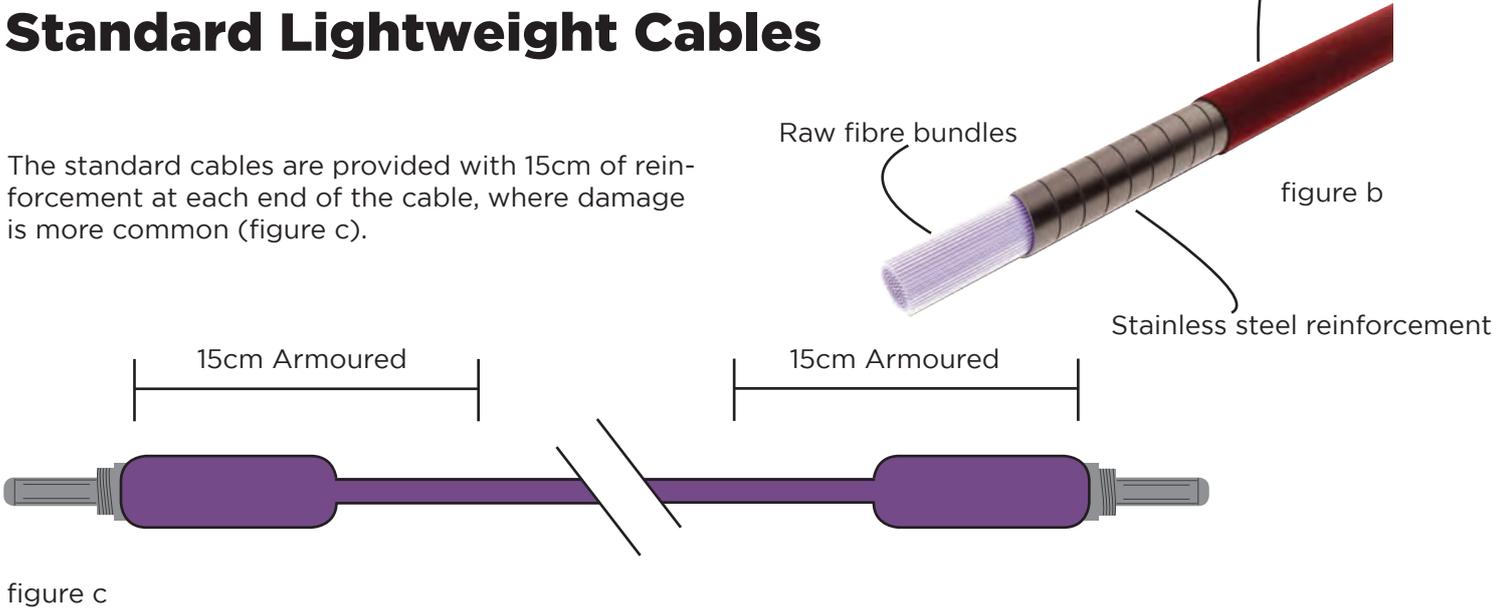
Crush Resistant Cables

The crush resistant fibre optic cable has stainless steel reinforcement along the entire length of the cable, reducing potential damage to the glass fibres, prolonging the life of the product (figure a & b).



Standard Lightweight Cables

The standard cables are provided with 15cm of reinforcement at each end of the cable, where damage is more common (figure c).



COLOURED Cables

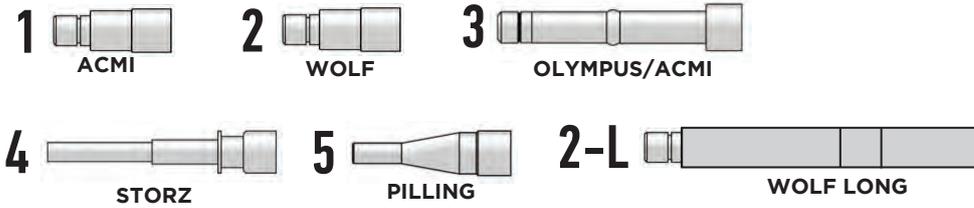
Full range of colours are available, allowing each cable to be identified and traced:

- Trace departmentally
- Trace per bundle diameter



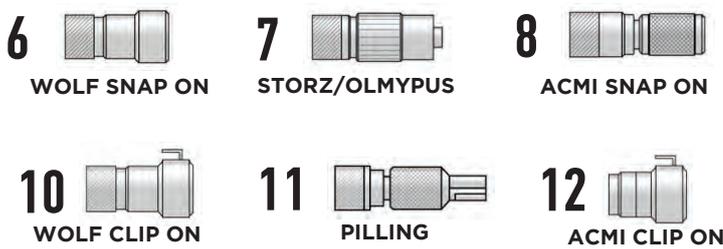
Step 1

Light Source End



Step 2

Instrument End



Step 3

Bundle Diameter

| Fibre Optic Cable Bundle Size |
|-------------------------------|
| 2.2mm add 2.2 to the code |
| 3.0mm add 3.0 to the code |
| 3.8mm add 3.8 to the code |
| 4.8mm add 4.8 to the code |
| 5.0mm add 5.0 to the code |

Step 4

Cable Length

| Fibre Optic Cable Length |
|---------------------------|
| 1.8m add "18" to the code |
| 2.3m add "23" to the code |
| 3.0m add "30" to the code |

Step 5

Cable Type

| Fibre Optic Cable Reinforcement |
|-------------------------------------|
| Standard add "-" to the code |
| Crush Resistant add "x" to the code |

Step 6

Cable Colour

| Fibre Optic Cable Colour |
|--------------------------|
| Add "B" to the code |
| Add "G" to the code |
| Add "R" to the code |
| Add "Y" to the code |
| Add "Gy" to the code |
| Add "Pu" to the code |
| Add "P" to the code |

| Your Cable | | | | | |
|------------------|----------------|-----------------|--------------|------------|--------|
| Light Source End | Instrument End | Bundle Diameter | Cable Length | Cable Type | Colour |
| 1 | 2 | 3 | 4 | 5 | 6 |

Contact Us Today

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