

# Fiber Optic Cable Combination

Choose your individual Glass Fiber Optic Cable



- 1 First you have to choose the required range. If you cannot find a suitable range please change to another Fiber bundle diameter. The range depends on the length of the Fiber optic cable and the switching range of the chosen wenglor sensor.
- 2 Choose the jacket and the endpoint.
- 3 Choose the right adapter for your wenglor sensor.
- 4 Choose the length of the Fiber arm (in 0,25 m steps).

Fiber optic length			
1,0 m	0,75 m	0,5 m	0,25 m
72 mm	76 mm	80 mm	100 mm
36 mm	38 mm	40 mm	50 mm
18 mm	19 mm	20 mm	25 mm
100 mm	103 mm	106 mm	110 mm

1	Sensor Type
←	U_88
←	U_66
←	U_55
←	ODX

**TW** = Range

### Jacket

**1**

PVC  
Bending radius: 29 mm  
Temperature Range: -25°C...80°C  
Ø 2,9

**2**

Brass Nickel-Plated  
Bending radius: 45 mm  
Temperature Range: -25°C...300°C\*  
Ø 4,9

**3**

Stainless Steel  
Bending radius: 50 mm  
Temperature Range: -25°C...300°C\*  
Ø 4,9

**4**

Metal - Silicone  
Bending radius: 35 mm  
Temperature Range: -25°C...180°C  
Ø 5,2

### Endpoint

**5 5**

Aluminium  
M5  
30  
20  
Ø 7

**5 5**

Aluminium  
M5  
30  
Ø 7  
Only with PVC jacket

**0 6**

Stainless Steel  
Ø 2,5  
10  
15  
Ø 3,5  
Only with PVC jacket

**0 7**

Stainless Steel  
Ø 2,5  
10  
15  
Ø 7

**3 2**

Aluminium  
Ø 2,5  
15  
Ø 7  
E  
Ø 3

### Adapter

Adapter	Sensor Type
<b>1</b>	UF
<b>5</b>	US
<b>2 5</b>	UV
<b>1</b>	UG
<b>2</b>	UC
<b>2</b>	UM
<b>3</b>	ODX

### Lengths

**0 1** = 0,25 m

**0 2** = 0,5 m

**0 3** = 0,75 m

**0 4** = 1,0 m

The lengths are staggered in 0,25 m steps.

**0 8** = 4,0 m

### Order number

1	1	1	?	?	?	?	?	?
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Fiber bundle Ø 1,1 mm

Reflex mode

E= 4 mm Standard  
please specify other lengths

\* Fibers heat resistant up to 180°C, up to 300°C  
only with order number addition "T"!

Specifications are subject to change without notice