# Cam Fiber Optik Kablo

**Karşılıklı Çalışan Prensibine**

## 303-239-108

Sipariş numarası



- **Depo tipleri kısa süre içinde teslim edilir**
- **Modüler sistemin sağladığı çok çeşitli tip seçenekleri sayesinde uygulamanıza adapte edilebilir**

### Teknik Veriler

| | |
|---|---|
| **Optik veriler** | |
| Fiber demet çapı | 3 mm |
| U_87__ tipi sensör ile algılama mesafesi | 3800 mm |
| U_88__ tipi sensör ile algılama mesafesi | 3200 mm |
| U_66__ tipi sensör ile algılama mesafesi | 1600 mm |
| U_55__ tipi sensör ile algılama mesafesi | 800 mm |
| Açılma açısı | 68 ° |
| Fiber | Basamak indeksi |
| Fiber çapı | 50 µm |
| **Mekanik veriler** | |
| Sıcaklık aralığı | -25...180 °C |
| Bükülme yarıçapı | 50 mm |
| Fiberoptk kablonun uzunluğu | 2 m |
| Kablo kılıf malzemesi | Pirinç, nikel kaplı |
| Malzemesi kablo ucu yüksük | Alüminyum |
| Kablo ucu yüksük no. | 39 |
| Işık çıkışı | Yan taraf |
| Fiberoptik kablo adaptörü no. | 01 |
| Uygun sabitleme tekniği no. | 180 |

Fiberoptik kablolar oldukça esnektir ve bu sayede yerin kısıtlı olduğu yerlerde kullanılabilmektedir. Özellikle sıcaklığın yüksek olduğu çevrelerde metal kılıflı fiberoptik kablolar iyi bir çözüm seçeneğidir.



# 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 endpot.

**3** Choose the right adapter for your wenglor sensor.

**4** Choose the length of the Fiber arm (in 0,25 m steps).

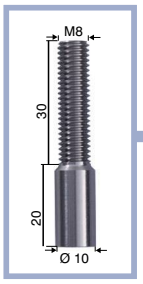
| Fiber optic length | | | | |
|---|---|---|---|---|
| 5,0 m | 4,0 m | 3,0 m | 2,0 m | 1,0 m |
| 3600 mm | 4080 mm | 4500 mm | 3800 mm | 1800 mm |
| 2400 mm | 2720 mm | 3000 mm | 3200 mm | 1800 mm |
| 1200 mm | 1360 mm | 1500 mm | 1600 mm | 1700 mm |
| 600 mm | 680 mm | 750 mm | 800 mm | 850 mm |

**1** Sensor Type
- U_ 87 __
- U_ 88 __
- U_ 66 __
- U_ 55 __

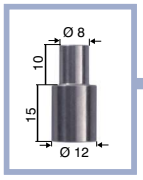
**Rw** = Range

Jacket

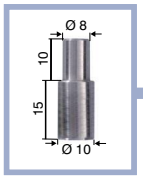
**2** Endpot



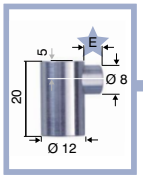

Stainless Steel **5 1**



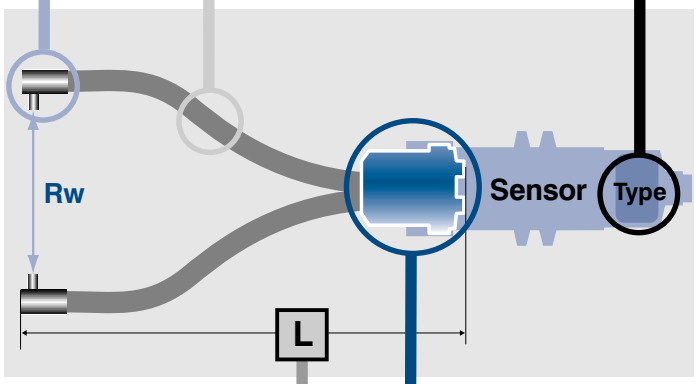

Stainless Steel **2 3**




Stainless Steel **2 1**




Aluminium **3 9**




**3**

| Adapter | Sensor Type |
|---|---|
| 1 | UF __ |
| 5 6 | US __ |
| 2 5 6 | UV __ |
| 1 | UG __ |
| 2 | UC __ |
| 2 | UM __ |

2 Not with Metal/Silicone

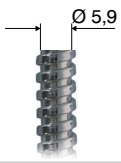
**4**

| | |
|---|---|
| 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.

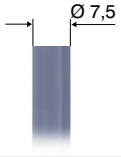
| | |
|---|---|
| 1 6 | = 4,0 m |

Stainless Steel
Bending radius: 60 mm
Temperature Range: –25 °C...250 °C*




**3**

Metal/Silicone
Bending radius: 50 mm
Temperature Range: –25 °C...180 °C




**4**

**Order number** 3 0 3 ? ? ? ? ? ?

**Fiber bundle Ø 3,0 mm**

**Through beam mode**

E= 4 mm Standard
please specify other lengths

*** Fibers heat resistant up to 180 °C, up to 250 °C only with order number addition "T"!**
**** Maximum length 5 m**

Teknik değişiklik yapma hakkı saklıdır