# Cam Fiber Optik Kablo

**Karşılıklı Çalışan Prensibine**

## 113-232-102

Sipariş numarası

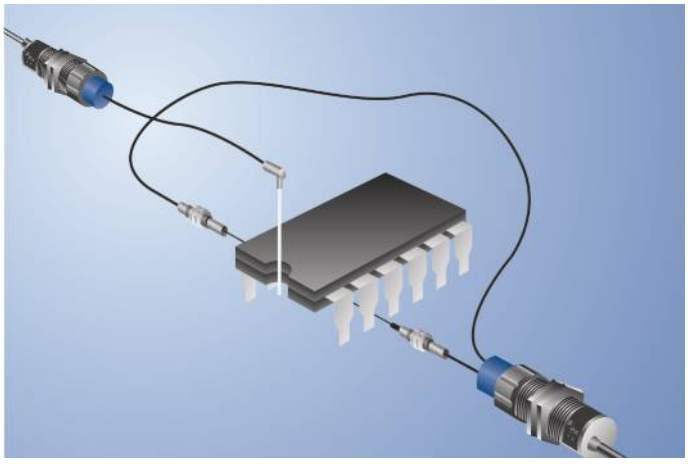


- **Depo tipleri kısa süre içinde teslim edilir**
- **Modüler sistemin sağladığı çok çeşitli tip seçenekleri sayesinde uygulamanıza adapte edilebilir**

### Teknik Veriler

| | |
|---|---|
| **Optik veriler** | |
| Fiber demet çapı | 1,1 mm |
| U_87__ tipi sensör ile algılama mesafesi | 600 mm |
| U_88__ tipi sensör ile algılama mesafesi | 400 mm |
| U_66__ tipi sensör ile algılama mesafesi | 200 mm |
| U_55__ tipi sensör ile algılama mesafesi | 100 mm |
| Açılma açısı | 68 ° |
| Fiber | Basamak indeksi |
| Fiber çapı | 50 µm |
| **Mekanik veriler** | |
| Sıcaklık aralığı | -25...180 °C |
| Bükülme yarıçapı | 45 mm |
| Fiberoptk kablonun uzunluğu | 0,5 m |
| Kablo kılıf malzemesi | Pirinç, nikel kaplı |
| Malzemesi kablo ucu yüksük | Alüminyum |
| Kablo ucu yüksük no. | 32 |
| Işık çıkışı | Yan taraf |
| Fiberoptik kablo adaptörü no. | 01 |
| Uygun sabitleme tekniği no. | 220 |

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 | | | |
|---|---|---|---|
| 2,0 m | 1,5 m | 1,0 m | 0,5 m |
| 480 mm | 510 mm | 540 mm | 600 mm |
| 320 mm | 340 mm | 360 mm | 400 mm |
| 160 mm | 170 mm | 180 mm | 200 mm |
| 80 mm | 85 mm | 90 mm | 100 mm |
| 360 mm | 370 mm | 380 mm | 400 mm |

**Rw** = Range

**1 Sensor Type**

- U_ 87 __
- U_ 88 __
- U_ 66 __
- U_ 55 __
- ODX

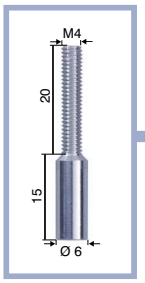
## Jacket

**PVC**
Bending radius: 23 mm
Temperature Range: –25 °C...80 °C
Ø 2,3
**1**

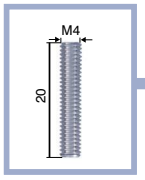
**Stainless Steel**
Bending radius: 50 mm
Temperature Range: –25 °C...250 °C*
Ø 4,9
**3**

**Metal/Silicone**
Bending radius: 35 mm
Temperature Range: –25 °C...180 °C
Ø 5,2
**4**

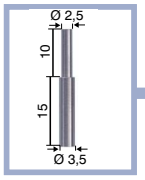
## 2 Endpot



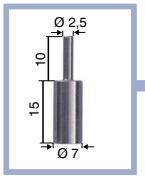

Aluminium **5 4**
Only with Brass Nickel-Plated, Stainless Steel and Metal/Silicone Jacket



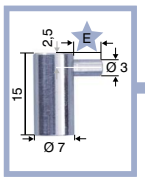

Aluminium **5 4**
Only with PVC jacket



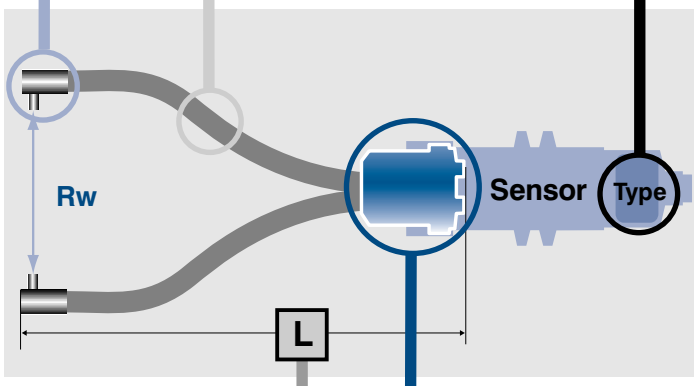

Stainless Steel **0 6**
Only with PVC jacket




Stainless Steel **0 7**




Aluminium **3 2**




**3**

| Adapter | Sensor Type |
|---|---|
| 1 | UF __ |
| 5 6 | US __ |
| 2 5 6 | UV __ |
| 1 | UG __ |
| 2 | UC __ |
| 2 | UM __ |
| 3 | ODX __ |

**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.

- **0 8** = 2,0 m

**Order number** **1 1 3 ? ? ? ? ? ?**

**Fiber bundle Ø 1,1 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"!**

Teknik değişiklik yapma hakkı saklıdır