

# Glass Fiber-Optic Cable

## Reflex Mode

# 301-351-120T

Part Number



- A broad range of applications are possible due to the modular system design
- Compatible with the P1XF001 6-channel Multispectral Sensor
- Heat resistant up to 250 °C
- Stock types deliverable at short notice

## Technical Data

### Optical Data

|                                |                        |
|--------------------------------|------------------------|
| Fiber Bundle Diameter          | 3 mm                   |
| Range with Sensor Type U_87__  | 810 mm                 |
| Range with Sensor Type U_88__  | 540 mm                 |
| Range with Sensor Type U_66__  | 270 mm                 |
| Range with Sensor Type U_55__  | 135 mm                 |
| Range with Sensor Type P1XF001 | 0...50 mm              |
| Opening Angle                  | 68 °                   |
| Fiber                          | Step Index             |
| Fiber Diameter                 | 50 µm                  |
| Fiber Distribution             | separate fiber bundles |

### Mechanical Data

|                      |                                     |
|----------------------|-------------------------------------|
| Temperature Range    | -25...250 °C                        |
| Bending Radius       | 70 mm                               |
| Fiber-Optic Length L | 5 m                                 |
| Jacket Material      | Stainless steel, V2A (1.4301 / 304) |
| Material End Sleeve  | Stainless steel, V2A (1.4305 / 303) |
| End Sleeve No.       | 51                                  |
| Light Emission       | straight                            |

|                                  |     |
|----------------------------------|-----|
| Fiber-Optic Cable Adapter No.    | 001 |
| Suitable Mounting Technology No. | 190 |

Glass fiber optic cables are very flexible and can be used in applications with less space. Especially in applications with hot environment the metal casing fiber optic cables are the answer.



