

### Product Description

F.O. Glass Fibre Optical cable for mobile applications outdoor and indoor with nonmetallic Glass yarn strength members; Very easy to install due to small dimensions, very high flexibility, very small bending radius and suitable for field assembly; Suitable for field assembly; Designed for despooling and respooling repeatedly



### Application range

- Connection cable
- Mini-Breakout cable
- Industrial environment
- High flexibility environment (power chain)
- Premise cabling – backbone

### Benefits

- F.O. Glass Fibre Optical cable for mobile applications outdoor and indoor with nonmetallic Glass yarn strength members
- Very easy to install due to small dimensions, very high flexibility, very small bending radius and suitable for field assembly
- Suitable for field assembly
- Designed for despooling and respooling repeatedly

### Design

- Tight buffered fibres
- Mobile installation cable with up to 8 tight buffered fibres
- Glass yarns with water-blocking tape
- PUR outer sheath

### Product features

- Robust and flame retardant PUR outer sheath
- Longitudinal watertight
- Suitable for field assembly
- Very high flexibility

**Technical Data**
**Standard designation**

AT-VQ(ZN)11Y

**Range of temperature**

Operation: -30 °C up to +70 °C

Laying: -5°C up to +50°C

**Permissible bending radius**

15 x outer diameter

**Permissible tensile force**

800 N, 950 N, 1100 N

**Article List**

Part number	Article designation	Fibre type	Number of fibres	Tension load capacity in N	Outer diameter in mm max.
HITRONIC® FD Multimode G 50					
21807048	HITRONIC® FD800 4G 50/125	50/125	4	800	5.8
21807047	HITRONIC® FD950 6G 50/125	50/125	6	950	6.3
HITRONIC® FD Multimode G 62.5					
21807045	HITRONIC® FD800 4G 62.5/125	62.5/125	4	800	5.8
21807050	HITRONIC® FD950 6G 62.5/125	62.5/125	6	950	6.3

**Footnote:**

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

The cables can also be supplied as cut-to-measure LWL trunks. Also with 8 fibers available.

Photographs are not to scale and do not represent detailed images of the respective products.