



# HITRONIC® FD Mobile Cable



### 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
- Methods of Deployment: laying in trunking, ducts and trays, building riser, empty plastic pipes, raised floors and plenums for short distances
- 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

### Product features

- Mobile installation cable with up to 8 tight buffered fibres
- Robust and flame retardant PUR outer sheath
- Longitudinal watertight
- Suitable for field assembly
- Very high flexibility

### Approvals (Norm references)



### Product Make-up

- Tight buffered fibres
- Glass yarns with water-blocking tape
- PUR outer sheath

### Technical data

- **Standard designation**  
AT-VQ(ZN) 11Y
- **Range of temperature**  
Operation: -30 °C to +70 °C  
Laying: -5 °C to +50 °C
- **Permissible bending radius**  
15 x cable diameter
- **Permissible tensile force**  
800 N, 950 N, 1100 N

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

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