



## Cable structure

Core type: Tight buffer  
 Strain relief elements: Kevlar  
 Outer sheath material: PUR  
 Outer sheath colour: Orange

## Temperature range

Laying, min.: +5°C  
 Laying, min.: +50°C  
 Operating, min.: -30°C  
 Operating, max.: +70°C

## Other data

Flame-resistance: acc. to IEC 60332-1  
 Longitudinally water-tight acc. to IEC 60794-1-2-F5  
 Resistant to hammer impact acc. to IEC 60794-1-2-E6  
 Bending cycles acc. to IEC 60794-1-2-E6: 500.000  
 Oil-resistant

Designation	Number of fibres	Fibre type	Outer Ø ca. mm	Max. tensile force N	Min. stat. bending radius mm	Max. transverse pressure N / cm	Caloric load ca. MJ / m	Weight kg / km	Part no.
Fibre-optic cable	2	Multimode G50/125	5,0	650	75,0	40	0,58	20,0	<b>80382</b>
Fibre-optic cable	2	Multimode G62.5/125	5,0	650	75,0	40	0,58	20,0	<b>80363</b>
Fibre-optic cable	4	Multimode G50/125	5,8	800	90,0	40	0,58	31,0	<b>80534</b>
Fibre-optic cable	4	Multimode G62.5/125	5,8	800	90,0	40	0,58	31,0	<b>81036</b>
Fibre-optic cable	4	Single-mode E9/125	5,8	800	90,0	40	0,58	31,0	<b>801727</b>
Fibre-optic cable	8	Multimode G50/125	7,0	1100	105,0	40	0,89	47,0	<b>81037</b>
Fibre-optic cable	8	Multimode G62.5/125	7,0	1100	105,0	40	0,89	47,0	<b>81038</b>

Dimensions and specifications may be changed without prior notice.

## Application

These HELUCOM® cables were designed as mobile field cables. They are easily wound up on a drum and are very tension-proof. As the outer sheath is tightly anchored on the aramid braiding, it is especially suitable for mobile use. The advantage of these cables is evident especially where mobile fibre-optic lines are to be installed, such as for drag chains, TV transmission, supervision of protected areas, etc.