



Cable structure

Core type: Tight buffer  
GRP support element  
Strain relief elements: Aramide  
Inner sheath material: PUR  
Outer sheath material: PUR  
Outer sheath colour: Orange

Temperature range

Laying, min: -5°C  
Laying, max: +50°C  
Operating, min: -20°C  
Operating, max: +60°C

Other data

Corrosiveness acc. to EN50267-2-3  
Halogen-free acc. to 60754-2  
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: 250.000  
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	4	Multimode G50/125	6,0	2000	120,0	100	1,20	32,0	81765
Fibre-optic cable	4	Multimode G62.5/125	6,0	2000	120,0	100	1,20	32,0	82823

Application

These HELUCOM® cables were designed as flexible field cables, even for use under extreme conditions. They are easily wound up on a drum and are very tension-proof. The double-jacket made of TPE makes them outstanding for uses in moving fibre-optic cables such as TV-transmission, supervision of protected areas, ect.