

Artikel-Nummer: Product code:	Auf Anfrage/on request
Beschreibung : Description:	FO-Micromodul Duct Cable A-CT (Q) 2Y with max. 6 Micromodules with 12x 12 fibers, for outdoor installation in protective micro tubes, by blowing method

Symbolfoto(s)/symbol photo(s)

1. Outer sheath
2. Embedded strength member
3. Water swellable tape
4. Aramid yarn strength member (if required)
5. Water swellable yarns
6. Rip-cord
7. Binder with gel filled modules with fibres

**Description:**

SKM Micromdul Duct Cable 864 A-CT(Q)2Y, 6(12x 12) E9/125 G.657.A2, 3000N, 21,0 mm, schwarz

**Cable construction:**

Outer sheath	UV-proof black HDPE
Embedded strength member	4 pcs. megabond fibre reinforced plastic (FRP) embedded in sheath to give strength & antibuckling
Water Blocking Tape	To cover the core and water protection (if required)
Peripheral strength element	High tensile aramid yarn to meet required tensile strength
Water blocking elements	Water swellable yarns to prevent water ingress in cable
Ripcord	2 pcs. polyester based twisted yarns
Micromodule	Soft thermoplastic material
Fibre/Module	12 pcs. fiber wiped with thixotropic gel
Optical Fiber	according to ITU-T G.657.A2
Average weight of 1 km of the cable, kg	260,0 ±10%
Average outer diameter (D), mm	21,0 ±1,0

**Coloring of fibers in micromodules:**

1= red	2= blue	3= green
4= yellow	5= violet	6= white
7= orange	8= grey	9= brown
10= black	11= aqua	12= rose

**Coloring of micromodules:**

1= red	2= blue	3= green
4= yellow	5= violet	6= white
7= orange	8= grey	9= brown
10= black	11= aqua	12= rose

**Coloring of binder:**

1= red	2= blue	3= green
4= yellow	5= violet	6= white

Modules in blue binder with single intermittent ring stripe, green binder double intermittent, yellow binder triple intermittent, violet binder four intermittent and in white binder one large single intermittent ring stripe

**Mechanical characterisitcs:**

Test	Result
Tensile strength, not less than, N IEC-60794-1-2-E1	3000
Crush resistance, N/100 mm IEC-60794-1-2-E3	2000
Minimum bending radius IEC-60794-1-2-E11	
During installation	20xD
During operation	10xD
Impact Strength, Nm IEC-60794-1-2-E4	5

Test	Result
Torsion IEC-60794-1-2-E7	± 180°
Temperature	IEC-60794-1-2-F1
Operation	from -30 up to +60 °C
Installation	from -10 up to +50 °C
Storage and transportation	from -40 up to +70 °C
Water penetration test IEC-60794-1-2-F5	1m head, 3m samples, 24 hrs

**Packaging:**

Packaging	Standard put-up length	Drum size (flange-Ø x width)
Reel	2000 m (± 5%)	On request

