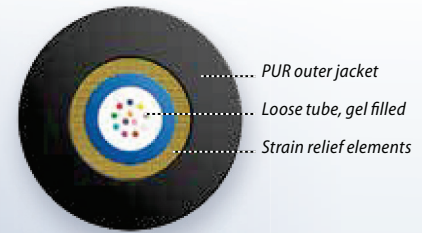
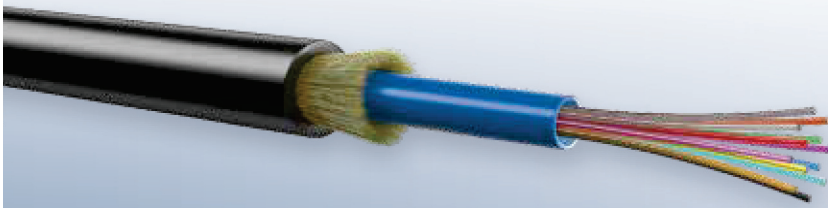


FiberConnect® Central loose tube cable

with leak-proof, cross-linked gel filling



Fiber optic cables (SM/MMM)



U-DQ(ZN)11Y n... CJ

Order no.	84 057 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Standardisation	IEC 60794-2

Description

Especially suited as a longitudinally waterproof optical universal cable for mobile use for constant reeling in and out as well as in drag chains.

Composition

Cable core	Loose tube, gel-filled with cross-linked two-component gel
Strain relief	Aramid yarns
Cable jacket	Polyurethane (PUR)
Colour of jacket	● black

Thermal properties

Transport/storage	-25 °C to +70 °C
Installation	-25 °C to +50 °C
Operating temperature	-25 °C to +70 °C

Number of fibers	Outer Ø	Weight	Fire load
	mm	kg/km	MJ/m
12	6.5	36	0.55
24	7.7	50	0.76

Mechanical properties

Min. bending radius	static	15 × outer diameter
	dynamic	20 × outer diameter
Max. pull force on jacket	2500 N	
Max. crush resistance	3000 N/dm	
Resistance to impacts	5 impacts/2 Nm	

Fire performance

Cable is flame retardant.

Chemical properties

Very good resistance to oil, petrol, acids and alkaline solutions.

2-component gel cable

The cross-linked gel fixes the excess length of the fibers in the loose tube so there is no localised banking up of the excess lengths during movement.

This design is therefore especially suited as a longitudinally watertight optical universal cable for mobile use for constant reeling in and out as well as in drag chains. The cross-linked gel retains its consistency even at high temperatures, thereby preventing the gel leaking out when dealing with installation distances with big drops or with vertical installation.

Splice trays filling up with gel and sagging fibers are therefore a thing of the past.