

# FABER® dataline fibre optic cable U-DQ(ZN)BH acc. to ISO/IEC 794, DIN VDE 0888



<b>CPR-performance:</b>	on request
<b>Fibre quality:</b>	on request
<b>Type of tube:</b>	gel-filled loose tube
<b>Cable metal-free:</b>	yes
<b>Sheathing material:</b>	polyolefin
<b>Flame-retardant:</b>	VDE 0482-332-1-2/IEC 60332-1-2
<b>Halogen-free:</b>	DIN EN 50267/IEC 60754
<b>Permitted outer cable temperature, fixed:</b>	-20 - +70 °C
<b>Permitted outer cable temperature, in motion/ during installation:</b>	-5 - +50 °C

**Application:** Installation-friendly universal optical fibre cable in a multifibre loose buffer design. The special jacket material allows installation outdoors, directly in the ground and use indoors where halogen-free, non-flammable and smoke-free cables are required. This makes it ideal for connections between buildings.



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

Table: Technical characteristics U-DQ(ZN)BH

p/n	part name	D <sub>A</sub> [mm]	F <sub>ZV</sub> [N]	F <sub>ZP</sub> [N]	E <sub>v</sub> [kWh/m]	G [kg/km]	R <sub>bz</sub> [mm]	R <sub>b</sub> [mm]	F <sub>q</sub> [N]
070698	01X12G50/125 SW 1,2 kN Standard	6,4	1250	750	0,94	48	150	140	200
070932	U-DQ(ZN)BH 01X12G50/125 SW 1,5 kN High Grade	6,4				64			
070699	01X24G50/125 SW 1,2 kN Standard	7,5	1250	750	0,94	62	150	140	200
071267	U-DQ(ZN)BH 01X24G50/125 SW HIGH GRADE	9				64			
070700	01X12G62,5/125 SW 1,2 kN Standard	6,4	1250	750	0,94	48	150	140	200
070701	01X24G62,5/125 SW 1,2 kN Standard	7,5	1250	750	0,94	62	150	140	200

DA	Outer diameter approx.
Fzv	Tensile strength (during installation)
Fzp	Tensile strength (permanent)
Ev	Combustion heat (fire load)
G	weight
Rbz	Bending radius with tension load
Rb	Bending radius without tension load
Fq	Crush resistance