

# FABER® dataline fibre optic cable A-DQ(ZN)B2Y plus



<b>Fibre quality:</b>	see data sheet for fibres on our website
<b>Type of tube:</b>	gel-filled loose tube
<b>Armour:</b>	glass yarns
<b>Sheathing material:</b>	polyethylene
<b>Colour outer sheath:</b>	black
<b>Meter mark:</b>	yes
<b>Flame-retardant:</b>	no
<b>Permitted outer cable temperature, fixed, °C:</b>	-30 - +70 °C
<b>Permitted outer cable temperature, in motion/ during installation, °C:</b>	-5 - +50 °C
<b>Type of installation:</b>	Installation pipe (Multiple cables installation)

**Application:** Fibre optic cable with central tubes with non-metallic armour and rodent protection. Swelling elements within the strand ensure longitudinally watertightness of the cable. The rugged and abrasion-resistant PE-sheath enables easy installation in tubes and ducts. The sheath is halogen-free, but not flame-retardant.



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 A-DQ(ZN)B2Y Plus 3.0 kN (Central core)

p/n	part name	D <sub>A</sub> [mm]	F <sub>ZV</sub> [N]	F <sub>Zp</sub> [N]	G [kg/km]	R <sub>bz</sub> [mm]	R <sub>b</sub> [mm]	F <sub>q</sub> [N]
071269	01X24G50/125 SW OM4	9	3000		74	160	140	200
070951	01X12G50/125 3,0 kN	9	3000	2100	60			200
070192	1X4E9/125 SW 3,0 kN	9	3000	2100	64			200
070164	1X8E9/125 SW 3,0 kN	9	3000	2100	64			200
070159	1X12E9/125 SW 3,0 kN	9	3000	2100	64			200
070193	1X24E9/125 SW 3,0 kN	9	3000	2100	74			200

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