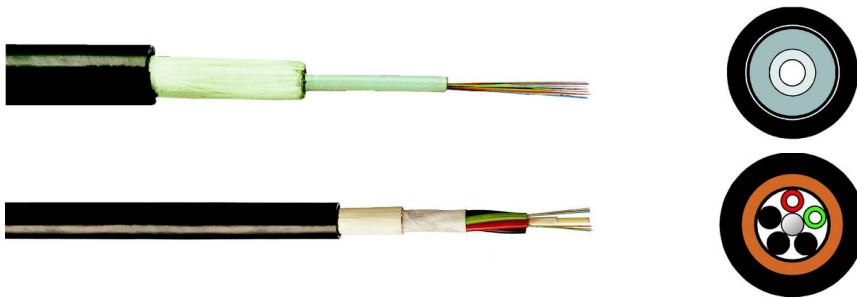


# FACAB dataline LWL A-DQ(ZN)B2Y acc. to ISO/IEC 794, DIN VDE 0888



<b>standard fiber quality:</b>	on request
<b>element:</b>	filled loose tube
<b>for outdoor use:</b>	yes
<b>flame retardant:</b>	no
<b>metal free:</b>	yes
<b>sheathing material:</b>	polyethylene
<b>bending radius with tension load:</b>	220 mm
<b>bending radius without tension load:</b>	170 mm
<b>max. operating temperature, fixed:</b>	-20 - +70 °C
<b>max. operating temperature, moved:</b>	0 - +50 °C

**Application:** Optical cable with central loose tube, glass yarn strength members/rodentprotection and water blocking elements. Due to the abrasion resistant PE-jacket and good mechanical properties the cable is suitable for installation in trunking in industrial environments or for direct burial.



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 data A-DQ(ZN)B2Y (central tube)

	2 - 16 fibers	24 fibers
<b>colour of outer sheath:</b>	black	black
<b>crush resistance:</b>	2000 N	2000 N
<b>tensile strength (during installation):</b>	2200 N	2200 N
<b>outer diameter:</b>	8,4 mm	9,2 mm
<b>weight:</b>	64 kg	74 kg
<b>combustion energy:</b>	0,45 kWh/m	0,58 kWh/m

table: technical data A-DQ(ZN)B2Y (stranded tubes)

	48 fibers	72 fibers
<b>colour of outer sheath:</b>	black	black
<b>crush resistance:</b>	2000 N	2000 N
<b>tensile strength (during installation):</b>	4000 N	4000 N
<b>tensile strength (permanent):</b>	2000 N	2000 N
<b>outer diameter:</b>	11,5 mm	12,0 mm
<b>weight:</b>	107 kg	148 kg
<b>combustion energy:</b>	1,42 kWh/m	1,51 kWh/m