



fiber optic outdoor cables
rodent secure - A-DQ(ZN)2Y(SR)2Y - 4 x OS2

- central loose tube
- corrugated steel tube as metallic rodent protection
- transversal and longitudinally water protection
- PE-jacket for direct buried laying
- UV-resistant

PE

For the use of FO cables in installation ducts with rodent accessibility non-metallic armouring is insufficient. These outdoor cables have an additional metallic armouring with a corrugated steel tape and a second PE jacket which ensures high quality rodent protection. The primary-coated fibres run in a jelly-filled central bundle core. A surrounding layer of non-metallic glass-rovings serves as strain relief.

design

cable core	loose tube, gel filled
core colour	yellow (E9/125), green (G50/125) and blue (G62,5/125)
strain relief	waterabsorbent glass rovings
inner jacket	polyethylene (PE)
armouring	corrugated steel tube as metallic rodent protection
outer jacket	polyethylene (PE)
overall diameter	12.5 mm

properties

tensile strength	2500 N
crush resistance	2500 N/dm
min. bending radius	
installation	20x overall diameter
operation	15x overall diameter
temperature range	
storage	-40°C / +70°C
installation	-5°C / +50°C
operation	-40°C / +60°C
halogen-free	IEC 60754-2
heat of combustion	1.8 MJ/m

order code	no. of fibers	fiber type µm	fiber category	cable color	weight kg/m
F-AX04S1E	4	Single-Mode 9/125	OS2	black	0.16

technical specifications are subject to change