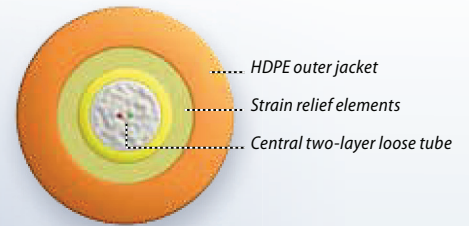
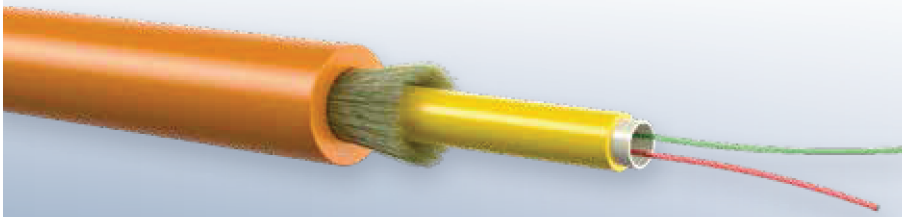


FiberConnect® Direct buried cable



Fiber optic cables (SM/MMM)



A-DQ(ZN)2Y 2E9/125 G657A1 5.5

Order no.	84 366012 E
Standardisation	IEC 60794-3

Description

Longitudinally waterproof optical outdoor cable for direct burial, installation in conduits, cable ducts and/or cable trays. Also suitable for vertical ladders. Machine-driven pulling in with a winch only permitted with a documenting force measuring device.

Composition

Cable core	Two-layer loose tube, gel-filled, diameter 2.4 mm, colour: yellow (E9/125) Inner layer: polycarbonate (PC) outer layer: polybutylene terephthalate (PBTP) colour code fibers (1–2): red, green
Strain relief	Non-metallic (aramid)
Cable jacket	Polyethylene (HDPE)
Colour of jacket	● orange

Thermal properties

Transport/storage	– 25 °C to + 70 °C
Installation	– 5 °C to + 50 °C
Operating temperature	– 25 °C to + 70 °C

Mechanical properties

outer diameter	approx. 5.5 mm
Leitungsgewicht	approx. 21.0 kg/km
Min. bending radius	static 15 × outer diameter dynamic 20 × outer diameter
Max. pull force	600 N
Max. crush resistance	5000 N/dm

Fire performance

Absence of halogen	IEC 60754-1
Acidity of combustion gases	IEC 60754-2