

Fibre Optic Outdoor Cable

Microduct

HELUCOM®

A-DQ2Y, central



Cable structure

Core type: Loose tube
Strain relief elements: Aramide
Outer sheath material: PE
Outer sheath colour: Black

Temperature range

Laying, min.: -20°C
Laying, max.: +60°C
Operating, min.: -20°C
Operating, max.: +60°C

Other data

Corrosiveness acc. to EN50267-2-3
Halogen-free acc. to 60754-2
Longitudinally water-tight acc. to IEC 60794-1-2-F5
UV-resistant

Designation	No. of fibres	Fibre type	Fibre category	Number of fibres per core	Outer Ø app. mm	Max. tensile force N	Min. stat. bending radius mm	Caloric load app. MJ / m	Max. transverse pressure N / cm	Weight kg / km	Part no.
A-DQ2Y central	4	Single-mode E9/125	ITU-T G.652d	4	2,5	180	40,0	1,40	50	6,0	803664
A-DQ2Y central	4	Single-mode E9/125	ITU-T G.657	4	2,5	180	40,0	1,40	50	6,0	805672
A-DQ2Y central	12	Single-mode E9/125	ITU-T G.652d	12	2,5	180	40,0	1,40	50	6,0	803929
A-DQ2Y central	12	Single-mode E9/125	ITU-T G.657	12	2,5	180	40,0	1,40	50	6,0	805673

Dimensions and specifications may be changed without prior notice.

Application

These HELUCOM® micro fibre-optic cables are characterized by a design that is slim but robust. Around a central tube, there is a composite of swelling fleece with characteristics that ensure the strain relief, and waterproofing in longitudinal direction of the cable. Another feature is the low adhesion of the outer jacket. Therefore these cables can be blowing into microducts. A typical application is FTTH within communal building projects.