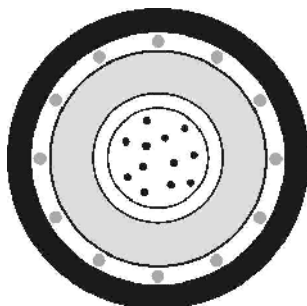


# Fibre Optic Cable with Functional Integrity based on DIN 4102-12

**HELUCOM®**

RoHS

A-DQ(ZN)BH E30



## Cable structure

Core type: Buffered-fibre  
Strain relief elements: Aramide  
Type of armouring: Glass yarns  
Outer sheath material: FR/LSOH  
Outer sheath colour: Red

## Temperature range

Laying, min: -10°C  
Laying, max: +50°C  
Operating, min: -25°C  
Operating, max: +60°C

## Other data

Corrosiveness acc. to EN50267-2-3  
Halogen-free acc. to 60754-2  
Flame-resistance acc. to IEC 60332-1  
Smoke density acc. to IEC 61034  
Longitudinally water-tight acc. to IEC 60794-1-2-F5  
UV-resistant  
Functional integrity: E30

Designation	Number of fibres	Fibre type	Number of fibres per core	Outer Ø ca. mm	Max. tensile force N	Min. stat. bending radius mm	Caloric load ca. MJ/m	Max. transverse pressure N/cm	Weight kg/km	Part no.
A/I-DQ(ZN)BH	4	Multimode G50/125	4	7,8	1000	80,0	1,08	200	102,0	<b>801217</b>
A/I-DQ(ZN)BH	4	Multimode G62.5/125	4	7,8	1000	80,0	1,08	200	102,0	<b>801218</b>
A/I-DQ(ZN)BH	4	Single-mode E9/125	4	7,8	1000	80,0	1,08	200	102,0	<b>801219</b>
A/I-DQ(ZN)BH	12	Multimode G50/125	12	7,8	1000	80,0	1,08	200	102,0	<b>801220</b>
A/I-DQ(ZN)BH	12	Multimode G62.5/125	12	7,8	1000	80,0	1,08	200	102,0	<b>801221</b>
A/I-DQ(ZN)BH	12	Single-mode E9/125	12	7,8	1000	80,0	1,08	200	102,0	<b>801190</b>

## Application

With the serie HELUCOM® E30 we have realized, based on a special construction and high quality raw materials, a functional Integrity according to DIN 4102-12 E30 (30 minutes). Together with the planed accessories the cables realize the full function of the communication in areas like tunnels or buildings for the defined period of time. On request we also can deliver cables with more than 12 fibres as stranded construction.