

# Indoor fibre optic cable

## I-D(ZN)H G.657A2 B2CA



**Application:** Indoor cable for use in cable ducts, ducts, and for exposed laying.

- Loose tube with up to 24 optical fibres
- centrally arranged singlemode optical fibre,
- sheathed with aramid yarns as strength members
- dry cable strand

### Construction and technical data:

<b>CPR-classification according to EN 50575:</b>	B2ca s1a d0 a1
<b>Standard:</b>	IEC 60793-1, IEC 60793-2, IEC 60794-2
<b>Sheathing material:</b>	FRNC-compound
<b>Colour of outer sheath:</b>	white
<b>Flame-retardant:</b>	IEC 60332-3-25
<b>Smoke density:</b>	DIN EN 61034/IEC 61034
<b>Halogen-free:</b>	DIN EN 50267/IEC 60754
<b>Permitted outer cable temperature, fixed, °C:</b>	-10 - +60 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-5 - +50 °C
<b>Permitted storage and transport temperature:</b>	-20 - +70 °C



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.

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part no.	part name	Number of fibres [n]	Rbv [mm]	Rbb [mm]	Ø [mm]	Fzv [N]	Fzp [N]	G [kg]
071526	1X4G.657A2	4	10	15	2.3	400	200	8
073992	1X12 G.657A2	12	15	20	2.8	400	100	9
073993	1X24 G.657A2	24	15	20	2.8	400	200	9

Number of fibres	Number of fibres
Rbv	Bending radius, fixed installation
Rbb	Bending radius, moving application
Ø	outer diameter approx.
Fzv	Tensile strength (during installation)
Fzp	Tensile strength (permanent)
G	net weight per 1000

Farbfolge Fasern / Colour sequence of fibres											
1	2	3	4	5	6	7	8	9	10	11	12
red	green	blue	yellow	white	grey	brown	violet	cyan	black	orange	pink
13	14	15	16	17	18	19	20	21	22	23	24
red	green	blue	yellow	white	grey	brown	violet	cyan	natural	orange	pink

Farbfolge Bündeladern – Variante 1 / Colour sequence of Loose tubes – variant 1														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
red	green	blue	yellow	white	grey	brown	violet	cyan	black	orange	pink	white	white	white
Jede Lage beginnend mit 1; ab der 13. Bündelader weiß; Blindelemente sind naturfarben / Each layer beginning with 1; from the 13th Loose tube white; dummies are natural coloured														

Farbfolge Bündeladern – Variante 2 / Colour sequence of Loose tubes – variant 2														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
red	green	blue	yellow	white	grey	brown	violet	cyan	black	orange	pink	red	green	blue
Jede Lage beginnend mit 1; ab der 13. Bündelader mit Ringsignierung; Blindelemente sind naturfarben / Each layer beginning with 1; from the 13th Loose tube with ring marking; dummies are natural coloured														