

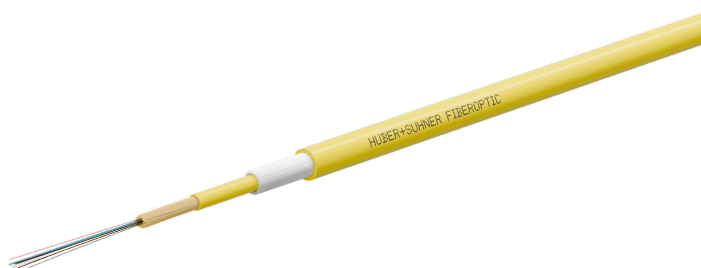
Fiber Optic Cables

OptiPack DJ LSFH Ø 4.9mm B2ca

24-.../(ZN)HH-...30#B

Properties

- Metal free indoor cable
- Strain relieved with aramide yarn
- Tube can be stripped up to 1m in one piece
- Tight bending radii
- Low smoke, halogen free and self-extinguishing



Jacket colour



| Construction | | |
|---------------|-----------------|---------------|
| Fiber | Quantity: up to | 24 |
| | Type | coloured |
| Strain relief | Type | aramide yarn |
| Inner jacket | Quantity | 1 pcs |
| | Diameter | 3mm |
| Strain relief | Type | glass-roving |
| | Sweallability | Non-swellable |
| Outer jacket | Material | LSFH |
| | Diameter | 4.9mm |

| Environmental data | | |
|----------------------|------------------------------------|---|
| CPR class | Standard | EN 50575:2014+A1:2016 |
| | Class | B2ca-s1a,d0,a1 |
| Temperature | Standard | IEC 60794-1-22 F1 |
| | During installation | -10 °C ... 50 °C |
| | In service | -25 °C ... 70 °C |
| | In storage | -25 °C ... 70 °C |
| Flame propagation | Standard Condition | IEC 60332-1-2 On a vertical single cable |
| | Standard Condition | IEC 60332-3-25 On a vertical cable bundle |
| Fire characteristics | Standard Condition Characteristics | IEC 61034-2 Cable Smoke density |
| | Standard Condition Characteristics | IEC 60754-1 Jacket material Halogen acid gas |
| | Standard Condition Characteristics | IEC 60754-2 Jacket material Degree of acidity |
| | Standard Condition Characteristics | IEC 60754-2 Jacket material Degree of acidity |

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| Mechanical data | | |
|---------------------|---------------------|--------------------|
| Weight | | approx. 32 g/m |
| Tensile strength | Standard | IEC 60794-1-2 E1 |
| | During installation | 500 N |
| | In service | 200 N |
| Min. bending radius | Standard | IEC 60794-1-21 E11 |
| | During installation | 15 mm |
| | In service | 15 mm |
| Crush resistance | Standard | IEC 60794-1-2 E3 |
| | During installation | 2000 N/dm |
| | In service | 100 N/dm |
| Impact resistance | Standard | IEC 60794-1-21 E4 |
| | Energy | 0.5 J |
| | Cycles | 50 |
| Kink resistance | Standard | IEC 60794-1-21 E10 |
| | Radius | 10 mm |

| Colours | |
|-------------------------------|--------------------------|
| Fiber | According to colour code |
| Standard outer jacket colours | Yellow |
| | Lime-Green |
| | Turquoise |
| | Heather violet |
| | Black |
| | White |

| Type of fiber | |
|---------------|---|
| Fiber type | Fiber standard |
| E9/125A2 | according to IEC 60793-2-50 B-657.A2 + ITU-T G.657.A2 |
| G50/125-OM3 | according to IEC 60793-2-10 A1-OM3b |
| G50/125-OM4 | according to IEC 60793-2-10 A1-OM4b |
| G50/125-OM5 | according to IEC 60793-2-10 A1-OM5b |

| Fiber colour code | | | | | | | | | | | | |
|-------------------|------|--------|--------|--------|-------|--------|--------|--------|-----------|--------|----------------|----------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| H+S Standard | Red | Green | Yellow | Blue | White | Violet | Orange | Black | Grey | Brown | Heather violet | Turquoise |
| DIN | Red | Green | Blue | Yellow | White | Grey | Brown | Violet | Turquoise | Black | Orange | Heather violet |
| TIA | Blue | Orange | Green | Brown | Grey | White | Red | Black | Yellow | Violet | Heather violet | Turquoise |
| IEC | Blue | Yellow | Red | White | Green | Violet | Orange | Grey | Turquoise | Black | Brown | Heather violet |

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