

**OPTIPACK DOUBLE JACKET CABLE**

LSFH Ø 4.0MM B2CA - 12 FIBRES

**PRODUCT OVERVIEW**



**Description**

**12-.../(ZN)HH-...20#B**

- 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

**Technical Data**

**Construction**

<b>Fibre</b>	Quantity: up to	12
	Type	Uncoloured
<b>Strain Relief</b>	Type	Aramide Yarn
<b>Inner Jacket</b>	Quantity	1 pcs
	Diameter	2mm
<b>Strain Relief</b>	Quantity	Aramide Yarn
<b>Outer Jacket</b>	Material	LSFH
	Diameter	4mm

**Environmental Data**

<b>CPR Class</b>	Standard	EN 50575:2014+A1:2016
	Class	B2ca-s1a,d0,a1
<b>Flame Propagation</b>	Standard Condition	IEC 60332-1-2 On a vertical single cable
<b>Flame Characteristics</b>	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

## Mechanical Data

<b>Weight</b>		Approx. 20 g/m
<b>Tensile Strength</b>	Standard	IEC 60794-1-21 E1
	During Installation	500N
	In Service	200N
<b>Min. Bending Radius</b>	Standard	IEC 60794-1-21 E11
	During Installation	15mm
	In Service	15mm
<b>Crush Resistance</b>	Standard	IEC 60794-1-21 E3
	During Installation	2000 N/dm
	In Service	100 N/dm
<b>Impact Resistance</b>	Standard	IEC 60794-1-21 E4
	Energy	0.5 J
	Cycles	50
<b>Kink Resistance</b>	Standard	IEC 60794-1-21 E10
	Radius	Radius 10 mm

## Colours & Fibre Type

<b>Colours</b>	Fibre	According to Colour Code
	Outer Jacket	Yellow, Orange, Turquoise, Heather Violet
<b>Fibre Type</b>	G50/125-OM3	According to IEC 60793-2-10 A1-OM3b
	G50/125-OM4	According to IEC 60793-2-10 A1-OM4b
	E9/125A2	According to IEC 60793-2-50 B-657.A2 + ITU-T G.657.A2

	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