

MAUNT

M00000869

**Optipack indoor cable, LSZH, CPR B2ca, 24-fiber, 1x24F, SM, G.657A2,
250um, 4.9mm, yellow, Huber+Suhner**



Description

Metal-free fiber optic cable for indoor use with 24 coloured singlemode fibers in an inner sheath. The cable has strain relief of aramid yarn around the fibers and of glass roving under the outer sheath. The inner sheath can be removed in one piece over a length of up to 1 m.

Brand

Huber+Suhner



Physical specifications

Fibers	Coloured
Strain relief around fibers	Aramid yarn
Inner sheath	1 pc, ø 3 mm
Strain relief under outer sheath	Glass roving, non-swelling
Outer sheath material	LSZH
Outer sheath diameter	ø 4.9 mm
Outer sheath colour	Yellow
Weight	approx. 32 g/m

Mechanical specifications

Tensile force (installation)	500 N (IEC 60794-1-2 E1)
Tensile force (operation)	200 N (IEC 60794-1-2 E1)
Minimum bend radius	15 mm (IEC 60794-1-21 E11)
Crush resistance (installation)	2000 N/dm (IEC 60794-1-2 E3)
Crush resistance (operation)	1000 N/dm (IEC 60794-1-2 E3)
Impact resistance	0.5 J, 50 cycles (IEC 60794-1-21 E4)
Kink resistance	Radius 10 mm (IEC 60794-1-21 E10)

Optical specifications

Fiber type	Singlemode, E9/125, G.657.A2
Number of fibers	24

Environmental specifications

Installation temperature	-10°C to +50°C
Operating temperature	-25°C to +70°C
Storage temperature	-25°C to +70°C
Temperature test standard	IEC 60794-1-22 F1

Classification codes and standards

Standards	ITU-T G.657.A2, IEC 60793-2-50 B-657.A2
Fire safety	LSZH
CPR class	B2ca-s1a,d0,a1 (EN 50575:2014+A1:2016)
Flame propagation, single cable	IEC 60332-1-2
Flame propagation, cable bundle	IEC 60332-3-25
Smoke density	IEC 61034-2
Halogen acid gas	IEC 60754-1
Acidity	IEC 60754-2
Environmental/substance compliance	RoHS, REACH