

LBB4416/00 Network cable, 100m

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Invented for life



- ▶ Sturdy hybrid network cable
- ▶ Dual plastic optical fibers (POF) and copper power conductors
- ▶ Low smoke/zero halogen (LSZH) sheet material
- ▶ Wide temperature range operation

The LBB4416/00 is a network cable with two plastic fibers for data communication and two copper cores for power supply. It is 100 meters long, and comes without network connectors. LBB4417/00 connectors are fitted after the cable has been cut to the required length.

Certifications and approvals

Flame retardant	acc. to IEC 60332-1 60s
Halogen level	acc. to IEC 60754-2 pH >4.3, conductivity <10 uS/mm
Smoke level	acc. to IEC 61034-2 light transmission >60%

Region	Regulatory compliance/quality marks	
Europe	CE	DECL EC Accessories

Parts included

Quantity	Component
1	Network cable, 100 m

Technical specifications

Electrical

Wire	Copper, stranded 1 mm ²
Resistance	<0.018 ohm/m

Optical

Fiber	PMMA, 1 mm
Numeric aperture	0.5
Attenuation	<0.2 dB/m @ 650 nm
Bending loss	<0.5 dB (r=20 mm, 90°) JIS C6861

Mechanical

Diameter	7 mm (0.28 in)
Length	100 m (328 ft)
Color	Black
Pull force	150 N (max)

Environmental

Operating temperature	-40 °C to +65 °C (-40 °F to 149 °F)
Humidity	15% to 90%
Air pressure	600 to 1100 hPa

Ordering information

LBB4416/00 Network cable, 100m

Praesideo hybrid network cable, 100 m without connectors for custom length cables, to be used with LBB4417/00 network connectors.

Order number **LBB4416/00**

Accessories

LBB4417/00 Network cable connector

Praesideo network connectors, to be used with LBB4416/00 network cable for 10 custom length cables (set of 20 pieces).

Order number **LBB4417/00**

LBB4418/00 Network cable toolkit

Case with special tools for manufacturing custom-length network cables.

Order number **LBB4418/00**

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