

# LBB4416/40 Network cable assembly, 40m

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

The LBB4416/40 is a network cable with two plastic fibers for data communication and two copper cores for power supply. It is 40 meters long, and comes with connectors at both ends.

## 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, 40 m

## Technical specifications

### Electrical

Wire	Copper, stranded 1 mm <sup>2</sup>
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	40 m (131.23 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

### **LBB4416/40 Network cable assembly, 40m**

Praesideo hybrid network cable, 40 m length with network connectors.

Order number **LBB4416/40**

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