

LBB4416/01 Network cable assembly, 0.5m

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Invented for life



- ▶ 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 LBB4416/01 is a network cable with two plastic fibers for data communication and two copper cores for power supply. It is 0.5 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, 0.5 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	0.5 m (1.64 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

LBB4416/01 Network cable assembly, 0.5m

Praesideo hybrid network cable, 0.5 m length with network connectors.

Order number **LBB4416/01**

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