

BLINK!

Triple-Play Connector

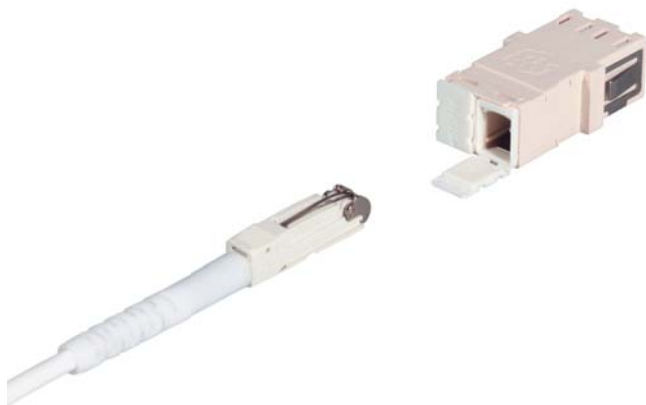


Benefits

- The optical fiber is protected by an automatically closing shutter. This prevents from damages heavily impacting the signal transmission during mating and installation.
- Establishing the optical connection will be safe and reliable also for inexperienced users.
- Cleanliness is key for optical connections. BLINK provide complete protection and keeps dust away from the signal transmission path.
- BLINK is proven technology adapted to the needs of the end-users in Fiber-in-the-Home (FITH) environment.
- Optical fibers can now be used within living rooms without restrictions.

BLINK! - Triple-Play Connector

BLINK is the new standard connector designed especially for the new challenges arising with FITH. By keeping this new environment in mind, combined with a fiber-background of more than 30 years of experience, HUBER+SUHNER has developed BLINK, the extremely innovative connector-generation for FITH. With its outstanding features, such as dust-proof shutters, laser-protection and a revolutionary release mechanism it is THE solution for a safe FITH-application. It is not only safe for the users, it also protects the fixed installed fibers and reduces interventions by installers. BLINK is not only standardized according to IEC 61754-29, BLINK is setting the FITH-standard.



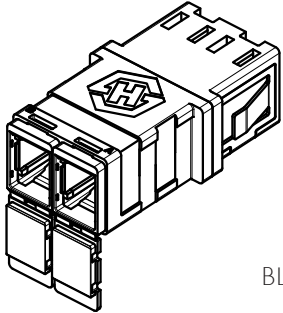
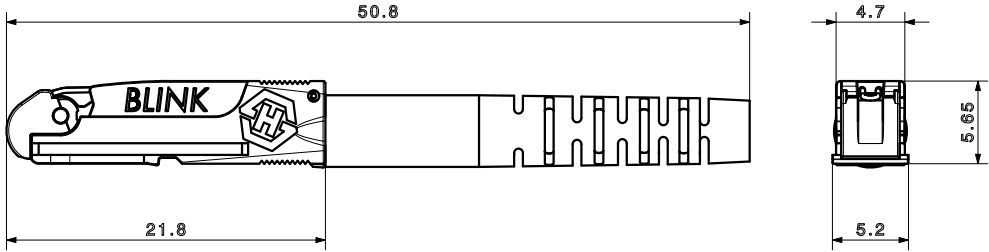
Features

- Dust-proof
- Laser-protection
- Safe
- Mechanical interface according to IEC 61754-29
- Patented

Connector specifications

Characteristics	Values
Compliance	IEC 61754-29
Technology	full ceramic ferrule (1.25 mm) and sleeve
Tuning	in 45° steps
Mechanical resistance	100 N tensile load
Operating temperature	-40°C to +85°C
Flammability	UL 94-V0
Durability	min. 1000 mating cycles
Colour of housing	white
Versions	singlemode PC singlemode APC

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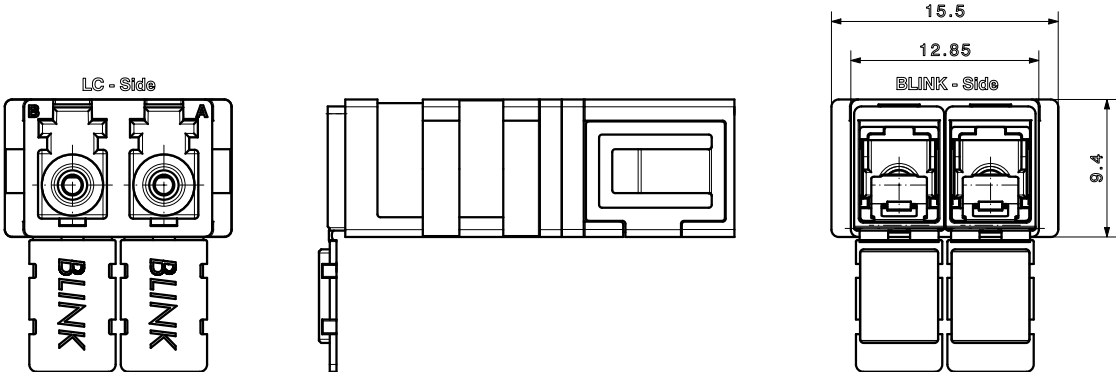
BLINK adapter

Adapter specification

Parameters	Unit	Values
Insertion loss repeatability	dB	< 0.1

Ordering information: BLINK adapter

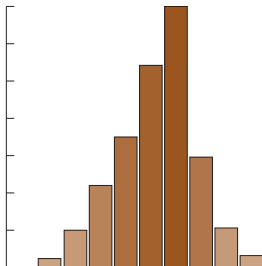
Adapter type	Mounting	Sleeve material	Colour
SM duplex	flange with spring clip	zirconia ceramic	white
SM APC duplex	flange with spring clip	zirconia ceramic	white



BLINK! - Triple-Play Connector

Attenuation of optical patchcords

Connector quantity



Parameters	Standards	Values
Insertion loss at 1310nm, singlemode	IEC 61300-3-34	typ. $\leq 0.20\text{dB}$
	IEC 61300-3-4	97 % $\leq 0.45\text{dB}$
Return loss, singlemode	IEC 61300-3-6	$\leq 0.35\text{dB}$
End face geometry acc. to	IEC 61755-3-1	$\geq 50\text{dB}$

Specification of optical patchcords

Characteristics	Values
Cable	01-E9LB/FJH-F27
Jacket Ø	2.7mm
Type of fibre	ITU-T G.657 A2
Cable jacket	halogen free and non-corrosive fire gases
Tensile strength, connector (acc. to IEC 61753-1 cat. U)	> 100 N
Tensile strength, cable	during installation: 250 N
	in service: 100 N
Minimal bending radius, cable	during installation: 15mm
	in service: 10mm
Crush resistance, cable	short-term: 600 N/cm
	long-term: 200 N/cm
Temperature range	during installation: -10 °C to +50°C
	in service: -10 °C to +70°C
	in storage: -25 °C to +70°C
Flammability	UL 94 V-0
RoHS	compliant

Other cable types upon request

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HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS.

Waiver
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