

# LC-HQ BTW pigtail



## Features

- Shortest installation length
- New design with outstanding mechanical and thermal stability
- Boots with ideal bending properties
- End-face polishing is better visible with coloured boots
- Patented (US 8.931.963)
- Only available as assembled pigtail
- Available as single and sets
- Packing is optimized for logistical aspects
- Cable easy-strip
- Licensed LC connector

## Technical data

Specification	Value
Cable diameter (Ø)	0,9 mm
Design acc. to IEC 61754-20 and TIA 604-10-A	compliant
Thermal and mechanical tests acc. to IEC 61753-1	fulfilled
Operating temperature	-40 to +85 °C
Durability	min. 1000 matings
Material	flame retardant acc. to UL94V-0
Halogen free	yes
Chemical resistance	good
RoHS guidelines 2011/65/EU	compliant

The LC HQ BTW pigtail is a completely re-designed connector, which offers outstanding mechanical and thermal characteristic. This connector has one of the shortest rigid length.

## Optical values

Type	Measurement method (IL/RL)	IL (dB)	RL (dB)
SM UPC	IL: IEC 61300-3-4 method B	≤ 0.30	≥ 50
SM APC	RL: IEC 61300-3-6	≤ 0.30	≥ 65
MM OM1/OM2/OM3	IL: IEC 61300-3-34 method B	≤ 0.25	≥ 35
MM OM4	RL: IEC 61300-3-6	≤ 0.15	≥ 35

### Singlemode UPC, LC-HQ BTW pigtail



Length (m)	Item no.	Description	Cable	Colors	
				Connector	Boot
2	84130960	PT01_LCUS_0000_SM09E_02.0_S0	0.9 mm yellow G.652D	black	blue
	84148655	PS12_LCUS_0000_SM09E_02.0_S0	0.9 mm 12 colors G.652D		
	84150493	PS24_LCUS_0000_SM09E_02.0_S0	0.9 mm 2 × 12 colors G.652D		

### Singlemode APC, LC-HQ BTW pigtail



Length (m)	Item no.	Description	Cable	Colors	
				Connector	Boot
2	84130959	PT01_LCAS_0000_SM09E_02.0_S0	0.9 mm yellow G.652D	black	green
	84148656	PS12_LCAS_0000_SM09E_02.0_S0	0.9 mm 12 colors G.652D		
	84150494	PS24_LCAS_0000_SM09E_02.0_S0	0.9 mm 2 × 12 colors G.652D		

### Multimode OM1, LC-HQ BTW pigtail



Length (m)	Item no.	Description	Cable	Colors	
				Connector	Boot
2	84151042	PT01_ICMS_0000_O109E_02.0_M0	0.9 mm blue MM G50 (OM1)	black	beige
	85010341	PS12_ICMS_0000_O109E_02.0_M0	0.9 mm 12 colors MM G50 (OM1)		

### Multimode OM2, LC-HQ BTW pigtail



Length (m)	Item no.	Description	Cable	Colors	
				Connector	Boot
2	84151043	PT01_LCMS_0000_O209E_02.0_M0	0.9 mm orange MM G50 (OM2)	black	beige
	84151046	PS12_LCMS_0000_O209E_02.0_M0	0.9 mm 12 colors MM G50 (OM2)		

### Multimode OM3, LC-HQ BTW pigtail



Length (m)	Item no.	Description	Cable	Colors	
				Connector	Boot
2	84151044	PT01_LCMS_0000_O309E_02.0_M0	0.9 mm aqua MM G50 (OM3)	black	aqua
	84151047	PS12_LCMS_0000_O309E_02.0_M0	0.9 mm 12 colors MM G50 (OM3)		

### Multimode OM4, LC-HQ BTW pigtail



Length (m)	Item no.	Description	Cable	Colors	
				Connector	Boot
2	84151045	PT01_LCMS_0000_O409E_02.0_I0	0.9 mm heather violet MM G50 (OM4)	black	heather violet
	84151048	PS12_LCMS_0000_O409E_02.0_I0	0.9 mm 12 colors MM G50 (OM4)		