

## Product Specifications

Product family: Grayle

Category: Cat.8 / Patch cable

### Specifications

- ✓ **Type:** Round cable
- ✓ **Shielding:** PiMF
- ✓ **Assignment:** 1-1
- ✓ **Inner conductor material:** Copper
- ✓ **AWG:** 26/7
- ✓ **Outer jacket material:** LSOH
- ✓ **Outer diameter:** 6.0±0.2 mm
- ✓ **Color outer jacket:** Black



### Description

The high-quality Category 8.1 patch cable is specially designed for demanding Ethernet applications and supports 25G/40GBase-T transmissions. It enables data rates of up to 40 Gbit/s at a frequency of 2000 MHz, guaranteeing a fast and reliable network connection. The cable is ideal for high-performance networks and offers stable signal transmission over distances of up to 20 metres, making it perfect for modern data centres, server rooms and professional IT infrastructures. Thanks to its robust construction and high-quality materials, it ensures durability and a secure connection even under demanding conditions.

### Connections

Connection 1	RJ45 Male (8P8C)
Orientation 1	180°
Shielding 1	Shielded
Case 1	molded incl. latch protection
Case color 1	black
Connection 2	RJ45 Male (8P8C)
Orientation 2	180°
Shielding 2	Shielded
Case 2	molded incl. latch protection
Case color 2	black
Contact material	50µ gold plated
Mating cycles	Min. 750 mating cycles

### Signal transmission

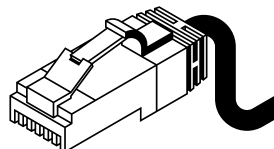
Standard	Cat.8.1
Bandwidth	2000 MHz
POE Standard	4PPoE according to IEEE802.3bt, PoE+ according to IEEE802.3at, PoE according to IEEE802.3af

### Standards

Approval	-
Compliance	RoHS Reach CE
Halogen-free	Yes
Temperature range	-10°C ~ +60°C



CAT.8.1 Shielded Patch Cable Black Molded / RJ45 Male (8P8C)



## Connections

Article code / SKU	Length	Tolerance
ZN8134005	0.5 m	-20/-0 mm
ZN8134010	1.0 m	+20/-0 mm
ZN8134015	1.5 m	+20/-0 mm
ZN8134020	2.0 m	+20/-0 mm
ZN8134030	3.0 m	+30/-0 mm
ZN8134050	5.0 m	+50/-0 mm
ZN8134075	7.5 m	+70/-0 mm
ZN8134100	10.0 m	+100/-0 mm
ZN8134150	15.0 m	+150/-0 mm
ZN8134200	20.0 m	+200/-0 mm



Date	Version	change Description
Feb 27, 2026	V.0	First release



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