

# NAUSBC-5G

The **NEUTRIK® USB Type-C 5G chassis connectors** are professional-grade, D-shape panel mount connectors featuring an integrated fly-lead patch cable. Designed for robust feedthrough integration in rack systems and devices, these connectors enable reliable **USB-C data transmission at up to 5 Gbps** and support **power delivery of up to 100 W (20 V / 5 A)** – ideal for demanding data transfer and charging applications in professional environments.

For a fully optimized solution, the chassis connectors can be seamlessly paired with the **essential DATA CABLES** product family from NEUTRIK®. This range includes **three high-performance USB-C cable variants**, supporting data rates from **480 Mbps to 40 Gbps** and power delivery from **60 W to 240 W**, ensuring compatibility across a wide spectrum of devices and use cases.

## Features & Benefits

- ✓ 100 W (20 V / 5 A) Power Delivery according to USB PD 3.1
- ✓ 5 Gbps according to USB 3.2 Gen 1x1
- ✓ Rugged D-shape panel mount design (front- and rear-mount capable)

## Article Variants


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| Article name | Details | Order code |
|---|---|---|
| NAUSBC-5G-FL10 | USB Type C 5G / 100W (f) (m) D-shape fly-lead 10 cm chassis connector | NAUSBC-5G-FL10 |
| NAUSBC-5G-FL15 | USB Type C 5G / 100W (f) (m) D-shape fly-lead 15 cm chassis connector | NAUSBC-5G-FL15 |
| NAUSBC-5G-FL20 | USB Type C 5G / 100W (f) (m) D-shape fly-lead 20 cm chassis connector | NAUSBC-5G-FL20 |
| NAUSBC-5G-FL25 | USB Type C 5G / 100W (f) (m) D-shape fly-lead 25 cm chassis connector | NAUSBC-5G-FL25 |

# Technical Information

| Produkte | |
|---|---|
| Title | NAUSBC-5G-FL* |
| Product group | USB |
| Connection type | USB Type C |
| Description | PLEASE NOTE: Preference will vary depending on your additional hardware and software components & configurations. |

| Elektrisch | |
|---|---|
| Rated current per contact | 5 A |
| Rated voltage | 20 VDC |
| Power delivery | 100 W acc. to USB PD 3.1 |
| Transmission performance | 5 Gbps acc. to USB 3.2 Gen 1x1 |


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| Mechanische Daten | |
|---|---|
| Lifetime | 10'000 mating cycles |
| Locking device | Without locking device |

| Material | |
|---|---|
| Contact plating | AU |
| Contacts | Copper Alloy |
| Cable Jacket Type | PVC |
| Shell | Connector: PVC<br>Chassis Connector: Polyamide (PA 66) |

| Umwelt | |
|---|---|
| Flammability | V-0 acc. to UL94 |
| Temperature Range | -15°C to +60°C |
| Standart compliance | Regulation (EU) 2011/ 65<br>Regulation (EU) 2023/988<br>Regulation (UK) 2016 No. 1101 |
| Ingress protection class | IP20 |


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