



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

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

Product	
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.

Electrical	
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

Mechanical

Lifetime	10'000 mating cycles
Locking device	Without locking device

Material

Contact plating	AU
Contacts	Copper Alloy
Cable Jacket Type	PVC
Shell	Connector: PVC Chassis Connector: Polyamide (PA 66)

Environmental

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