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

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

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NEUTRIK

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

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