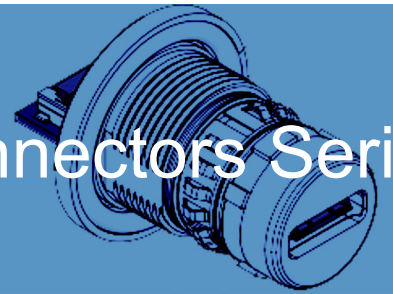




CMA-USBC Connectors Serie



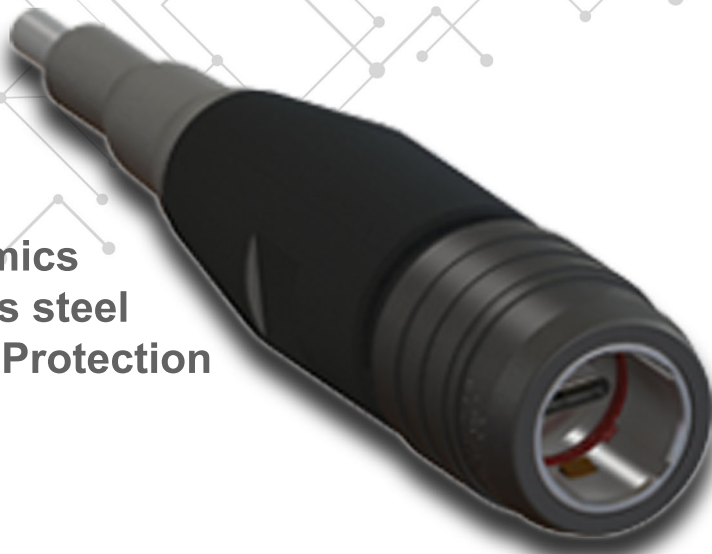
USB



3.0

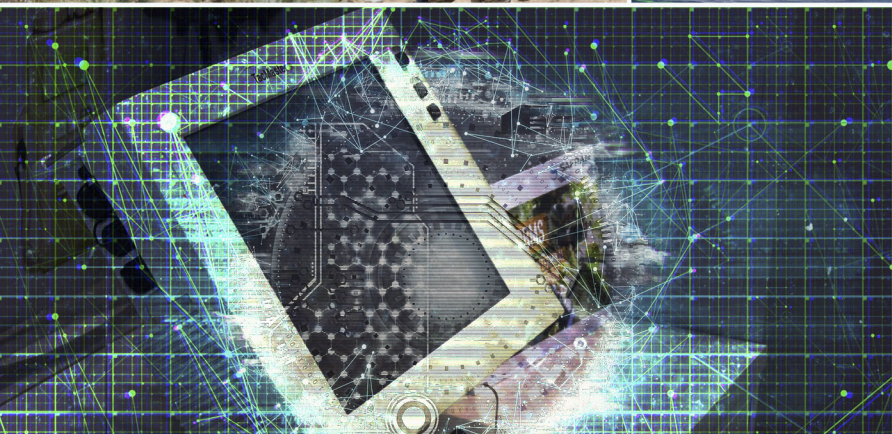
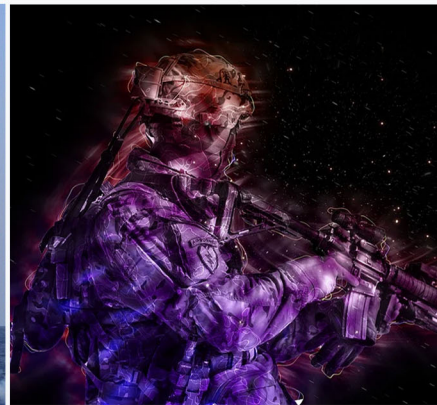
Push-Pull Connector

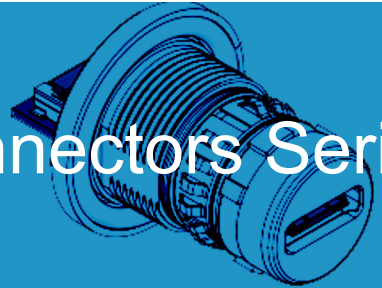
For a versatility to transmit data, audio, video and energy !



Ergonomics
Stainless steel
EMI RFI Protection
USB 3.0

Radios / Intercoms / Crypted data
Future soldier / Battery / PDA
Ruggedized computers / Tactical equipments





Characteristics

Push-pull - Stainless steel
 Keywords: N, P, W, X, Y, Z, T

Reference of standard Shell : STEI GAM-T2-75500 and 501

- Temperature range: -40°C +85°C.
- Watertightness : IP68 mated - Salt spray : 96h mated.
- Working voltage : 30 V max.
- Contact resistance : $\leq 50 \text{ m}\Omega$.

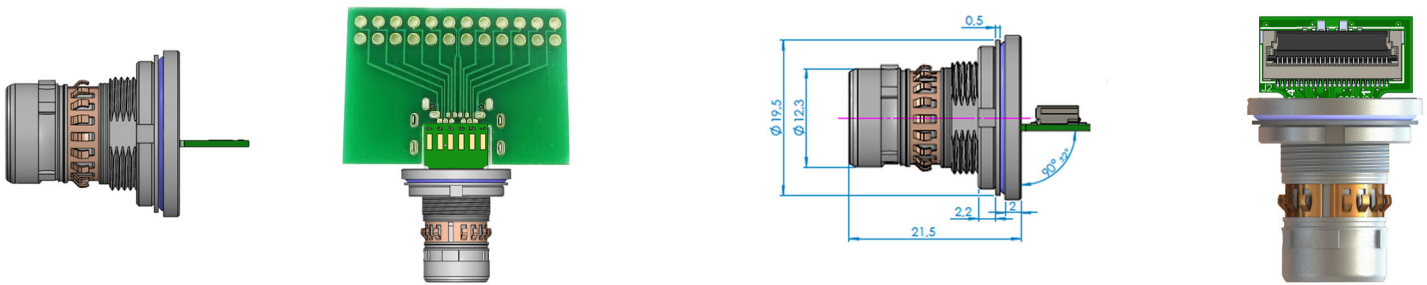
- As a reminder (*theoretical*):
 USB3 standard provides data rate up to 20Gbits/s.
 USB4 standard provides data rate up to 40Gbits/s.

- Resistance between PCB ground and CMA shell ground : $\leq 100 \text{ m}\Omega$.
- Insulation : $> 100 \text{ M}\Omega$.
- Dielectric rigidity : 100 Veff at 50 Hz 1min.



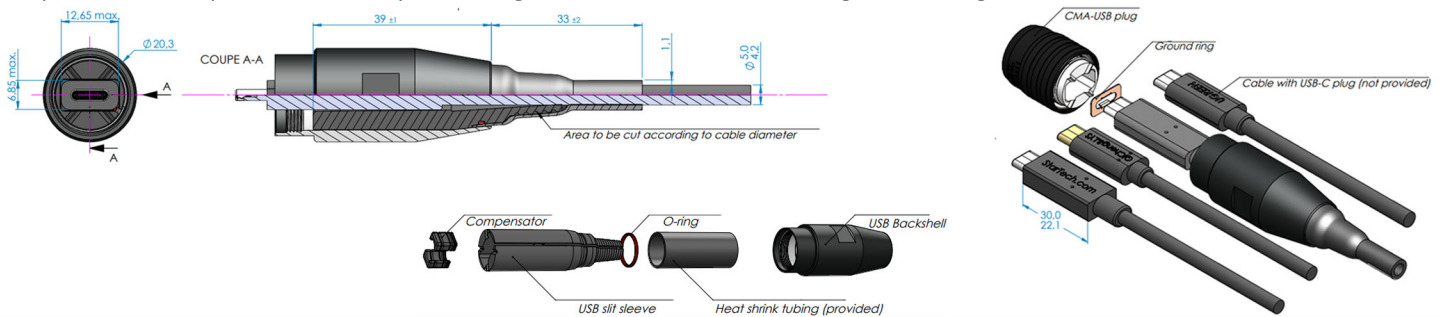
Receptacle with PCB*

*These printed circuit board views are examples. We can customized them according to your requirement



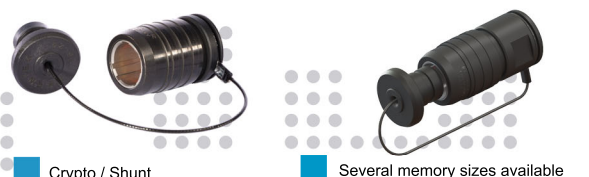
Backshell

Backshell CMA-USB RA50, requiring assembly with standard USB-C cordset (not supplied). It can mate on all plugs, of BERNIER CMA-USB line. A heat shrink tubing provided ensures the rear sealing of the backshell. Compensators are provided to adapt the length of the USB cable housing to the length of the USB slit sleeve.

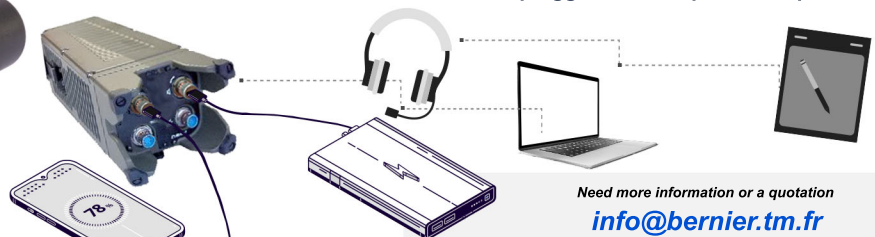


Other related products

- Many possibilities of electronic integration such as
- USB Memory Key
 - Authentication Key
 - Wireless Module
 - Crypto and Shunt Module



All standard USB-C accessories can be plugged into the panel receptacle



Need more information or a quotation
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