

CEBT (Contact Expanded Beam Medium) Termini

Description

The tde - HEB® (Hermaphroditic Expanded Beam) technology allows the usage of optical communication in the harshest environments and the tde connector range; provide the user with the security that the communication link will work: first time, every time. The hermaphroditic design is particularly useful and provides unique benefits in rapid deployment or cable extensions, as no adaptors are needed. Any two connectors can just be interconnected.

The CEBT style Expanded Beam contacts / termini provides solutions in hybrid and multi contact housings. It is used in military, broadcast and industrial markets. The EBC contacts are designed to fit the size 8, 12 & 16 cavities of the military 38999 connector standards and are available in Singlemode and/or Multimode. The pin - socket arrangement allows easy, contactless zero force connections and makes this type ideal for high channel count connectors.



Technical Data

The tde contacts / termini are available in Singlemode and Multimode with best performance in class. By design the contacts / termini are future proof, as the optical path is optimized to support the range from 850nm to 1310nm in Multimode and 1310nm to 1550nm for Singlemode application. These contacts / termini are agnostic to the signal passing through, so WDM is also possible, whenever higher bandwidth needs to be transmitted. The contacts/ termini are field repairable.

- MIL-C-38999 compatible
- Expanded Beam
- Multimode and Singlemode
- Pin Socket EB Termini
- Zero Force (non-contact)
- Ni plated Brass
- Military, Broadcast, Oil & Gas and Industrial Markets

xx = Fiber: MM (Multimode), SM (Singlemode)

yy = Size: 08, 12, 16

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