



EB-LuxCis®

Easy installation with minimal maintenance required

The EB-LuxCis® product range combines the benefits of the LuxCis® ARINC 801 contact and Expanded Beam technology for commonly used multipin connectors.



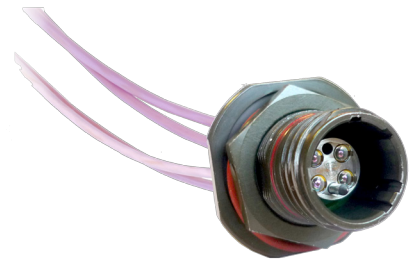
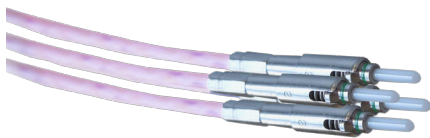
Radiall's new EB-LuxCis® product range offers Expanded Beam technology for high performance and durability within multipin connector solutions. This product range features the commonly used LuxCis® ARINC 801 fiber optic contact inserted into a 2 or 4 channel (MM or SM) Expanded Beam insert.

EB-LuxCis® is an easy to install and low maintenance solution that can be used in various circular or rectangular connectors. This design combines the advantages of the LuxCis® ARINC 801 contact with Expanded Beam technology, which enables a simplified cleaning process and reduces sensitivity to contamination.



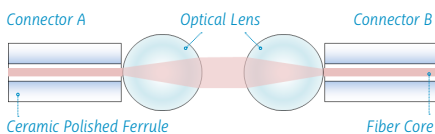
EB-LuxCis® is the ideal solution for demanding applications in highly contaminated environments where low maintenance is essential.

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Expanded Beam Technology

EB (Expanded Beam) technology offers a contactless connection which increases the number of mating cycles. When the signal is expanded, the connection becomes less sensitive to contamination which enables a simplified cleaning process.



Performance

- Singlemode: IL max: 2 dB / RL > 30 dB
- Multimode: IL max: 1.5 dB / RL > 20 dB

- Temperature range: -55°C to +125°C (cable dependent)
- Durability: 500 mating cycles

Features & Benefits

- Optimized Expanded Beam technology provides easy cleaning and resistance to shock and vibration
- Contactless connection increases product life cycle
- Compatible with multimode and singlemode fiber
- Wide product range available: MIL-DTL-38999, EPX® EN4644, NSX ARINC 600, EN4165

Applications

- Avionics
- Power and flight management
- Radar
- Electronic warfare