

iEPX- EPX™ Series

Easy Integration Meets Lighter Connection

To meet the growing demand for a quicker and cost effective integration, Radiall offers iEPX: a lightweight connector with an integrated strain relief. This innovative solution helps to provide overall savings in the aircraft.



Radiall expands the EPX™ series by offering iEPX, a new weight optimized EPXB2 disconnect shell. With an integrated strain relief and EMI backshell to press-in, iEPX provides EMI shielding while reducing cost and weight.

iEPX is the perfect solution for aircraft manufacturers requiring a lightweight solution. Offering more than 40% weight savings in comparison to a standard EPXB2 shell equipped with a backshell, iEPX helps to reduce the overall cost of ownership of the aircraft.

Utilizing Radiall's expertise, iEPX features a simplified design enabling customers to stock only one part in strain relief configuration, with no removable parts other than the backshell itself (no removable chimneys, additional nuts or screws to assemble). The innovative design of iEPX helps to prevent FOD and reduce the cost of stock.

iEPX also allows for quick and easy installation because no additional part needs to be fixed to the connector when strain relief is required. The unique T-shape also facilitates rear wiring. With only one backshell to fix and press-in on the integrated strain relief, iEPX is simple to terminate and ultimately helps to reduce assembly costs.



iEPX is the perfect solution for aircraft manufacturers requiring a lightweight and cost saving connector solution with a quick rear termination.

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Featuring the same interface as EPXB2 connectors, iEPX:

- Utilizes the whole range of EPX™ inserts and contacts
- Mates with any EPXB2 connector which allows to mix and match shell types and platings according to your exact needs
- Can easily integrate an EWIS system where EPX™ is already used, without requiring new qualification

Features & Benefits

- Modular and comprehensive range
- Lightweight
- Quick and easy to terminate
- Simplified part numbers
- Savings on cost of stock
- Savings on assembly costs

Applications

- Aircraft and equipment manufacturers
- Disconnect applications
- Cable-to-cable connection