

NEX10™ XE EXTREME ENVIRONMENT

Rugged & Compact Low PIM
RF Connector



Radiall's NEX10™ XE meets higher environmental requirements without compromising RF performance.

NEX10™ XE combines double sealing with HEP²R plating in order to provide one of the most robust miniature Low PIM connectors on the market for outdoor applications. This IP68 ruggedized connector is designed to provide high performance even in the most extreme environments.

DOUBLE SEALING

NEX10™ XE provides a double sealing option for quick lock and screw plugs to prevent any particles (sand or other) from getting between the nut and jack.

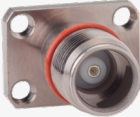
HEP²R PLATING

To reach high-level standards such as ASTM B 117 (720hrs salt spray) and ISO21207 Method B 5 cycles (equivalent to a product exposed in corrosive atmosphere for 20 to 50 years), Radiall can offer HEP²R plating on both NEX10™ and NEX10™ XE. The new HEP²R qualification process makes this plating compliant to IEC 60950-22, one of the higher requirements for connectors and a standard applied to equipment installed outdoors.

With HEP²R plating, customers can expect very high RF performance and exceptional mating endurance with lower intermodulation levels. Similar to conventional bronze-plated connectors, NEX10™ HEP²R prevents galvanic cell corrosion when mated with existing products.



NEX10™ XE is fully compatible with existing NEX10™, but it must be paired with a NEX10™ XE plug and NEX10™ XE jack in order to provide extreme environmental performance. Metalized dust caps are also available with HEP²R plating option. NEX10™ XE with HEP²R plating is allergy friendly, RoHS and REACH compliant.

CONNECTOR		SAND PROOF	DUST PROOF	CORROSIVE ATMOSPHERE RESISTANT
	DOUBLE SEALING	•	•	
	DOUBLE SEALING + HEP²R	•	•	•

FEATURES & BENEFITS

- Fully compatible with conventional NEX10™
- No galvanic cell with bronze-plated connectors
- Additional rubber boot is no longer required
- Higher mating endurance
- IP68 rated

APPLICATIONS

- Antennas
- Base stations
- Jumpers
- Filters, couplers, dividers

Note
Patent pending