



FOR IMMEDIATE RELEASE

Radiall Introduces Connection Kit for Wireless Base Stations

June 2010 - Radiall introduces its new R2CT connection kit, which provides a waterproof, sealed connection for fiber-to-the-antenna (FTTA), remote radio head equipment, and similar outdoor applications where a protected interface is needed. The field-installable kit provides low-cost sealing at the transceiver-to-cable interface and ensures robust mechanical and environmental performance.

The kit is designed for optical systems using SFP transceivers and duplex LC-terminated fiber-optic cable. The kit can be reused, allowing cables and transceivers to be changed in the field, including front-panel swapping of transceivers. The kits can also be assembled over existing cables.

Sealing levels are IP65, with IP67 optionally available, with a durability of 100 mating cycles minimum and a temperature range from -40 degrees C to +85 degrees C. The mated connection has a retention force of 200 N (45 lb).

The kit uses a receptacle attached to the equipment panel and a plug assembly over the cable. The plug and receptacle use a double bayonet locking system to allow a toolless, hand-tightened connection. The plug assembly includes a protection cap that can be used for pulling cable.

The R2CT connection kit can easily be used with other connectors and interfaces, such as RJ-45 or USB connections.

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About Radiall

Radiall is a global manufacturer of leading-edge interconnect solutions. The company offers an extensive range of RF coaxial connectors and cable assemblies, coaxial switches, fiber optic and microwave components, multipin connectors and more. Radiall has sales offices and subsidiaries throughout the world, R&D in the U.S., Europe and China, along with manufacturing facilities strategically located in the U.S., Mexico, India, and China.

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