Radiall’s low intermodulation 4.1/9.5 connector provides end users a reliable option featuring a screw-on coupling system suitable for rugged outdoor telecom applications.

Radiall’s 4.1/9.5 has been designed to offer a smaller, lighter weight solution to replace the 7/16 connector. It is ideal for applications requiring low PIM and low attenuation for Distribution Antenna Systems (DAS).

The 4.1/9.5 connector features a screw on, low torque coupling system, which allows for a secure mate between connectors. This solution includes Radiall’s special anti-corrosion plating preferred by today’s telecom industries.
Radiall’s 4.1/9.5 reliable low intermodulation connector solution features a coupling mechanism suitable for rugged outdoor telecom applications.

Lightweight Low Intermodulation Solution

**Performance**

- Frequency range: DC to 6GHz
- Very low intermodulation level ≤-160 dBc
- VSWR: 1.02 +0.02 × F(GHz) max.
- IP67
- RF Power up to 500 W @ 2 GHz / 1KW @ 1GHz
- Mating: 100 cycles
- Coupling retention force: 500N
- Operating temperature: -55 ~+155°C
- Codification: R170 Series

**Features & Benefits**

- Proven coupling mechanism
- Performance similar to 7/16 connector
- Very low intermodulation level

**Applications**

- Telecom applications:
  » Base Stations
  » RRU
  » Antennas
  » Filters
  » Distributed Antenna Systems