

**43F-RA78-016****4.3-10 Female Connector for 7/8" RADIAFLEX® cable**

These single-piece high performance coaxial cable connectors are designed specifically to provide the highest quality connector-cable interface while simplifying and speeding up the attachment of connectors to RADIAFLEX® cables. The connectors provide outstanding value to users because they permit quick, easy and reliable installation at any location, thereby allowing the operator flexibility while saving installation time and money. They attach to prepared cable in one piece assuring error-free attachment. All connectors are fully tested for mechanical and electrical compliance specifications. They are available in all popular cable sizes in all type N, 7-16 DIN and 4.3-10 interface for RADIAFLEX 7/8" radiating cables..

**Features / Benefits**

- Single-piece design for Fast and Easy Installation - Reliable and simple attachment avoids unnecessary connector adjustments and provides outstanding performance. Saves time and provides cost savings.
- Robust Mechanical Design - Low and consistent IM performance.
- Excellent Electrical Performance - Low VSWR
- Totally Waterproof - Assures safe, long term operation in the harshest of environments.
- RoHS (EU) and CRoHS (China) compliant i.e. can be used on a global basis

**Technical Features****STRUCTURE**

|                          |                                   |
|--------------------------|-----------------------------------|
| Cable Type               | Radiating                         |
| Cable Size               | 7/8                               |
| Model Series             | all RLF, RLK and RAY78-50A-Series |
| Connector Interface Size | 4.3-10                            |

**MECHANICAL SPECIFICATIONS**

|                          |                 |
|--------------------------|-----------------|
| Connector Length         | 67.9mm (2.67in) |
| Connector Outer Diameter | 34mm (1.33in)   |

**ELECTRICAL SPECIFICATIONS**

|                   |             |             |
|-------------------|-------------|-------------|
| Nominal Impedance | 50 $\Omega$ |             |
| Frequency Range   | VSWR        | Return Loss |
| 0 - 1 GHz         | 1.03        | 36.6        |
| 1 - 2,7 GHz       | 1.06        | 30.7        |
| 2,7 - 3,7 GHz     | 1.08        | 28.3        |

**ACCESSORIES**

|                                  |               |
|----------------------------------|---------------|
| Wrench Size Connector Front Part | 32mm (1.25in) |
|----------------------------------|---------------|

**Related Documents**

**Installation Instruction**  
Installation Instructions