4.3-10



50Ω	DC - 6 GHz

INTRODUCTION

GENERAL

- Low Intermodulation connector
- Screw-on & Push-pull coupling mechanism
- High power rating
- 30% smaller & 60% lighter than 7/16

APPLICABLE STANDARDS

- IEC 61169
- MIL PRF 39012

APPLICATIONS

- Telecom
- Medical
- Industrial
- Indoor and outdoor use

OVERVIEW

Designed for major telecom equipment manufacturers, the 4.3-10 series offers a small, lightweight solution for outdoor telecom applications where high performance is essential and low intermodulation is required.

Our broad product portfolio includes the 4.3-10, 4.1-9.5, 7/16 and the innovative QLI (Quick Lock Low Inter-modulation) connector. These solutions are suitable for harsh environments where reliability is required.

Available in a variety of configurations including:

- Jack/Bulkhead
- Square flange receptacles and plugs
- Right angle models
- Solder, crimp and clamp models
- Screw-on and push-pull coupling mechanism

4.3-10 connectors are 30% smaller and 60% lighter than comparable 7/16 square flange jack receptacles. The new interface features a high intermodulation level ranging from 0-6 GHz and provides a low intermodulation level at <-166dBc.

4.3-10 connector solution is designed in accordance with international standards and manufactured to meet environmental safety requirements.

HIGH PERFORMANCE

- Impedance 50Ω
- Frequency range DC ~ 6 GHz
- Very low intermodulation level <-166dBc
- Screw-on and Push-pull coupling mechanism for safety and easy to use
- VSWR 1.04 + 0.01 √f
- Meets all requirements for IP67
- High mating life
- 3 step connection: Engage, Push & Lock
- Intuitive design concept
- Light weight
- Reduced size allows more space for other components
- RF Power: Up to 500 W @ 2 GHz