4.1-9.5



50Ω	DC - 6 GHz

INTRODUCTION

GENERAL

- Screw-on coupling mechanism
- High power rating
- 20% smaller & 50% lighter than 7/16
- Low coupling torque
- Low intermodulation

APPLICABLE STANDARDS

- IEC 61169
- MIL PRF 39012

APPLICATIONS

- Telecom
- Medical
- Industrial
- Indoor and outdoor use

OVERVIEW

We completed our power connector range with 4.1-9.5, a low intermodulation series. 4.1-9.5 is designed to provide similar performance to 7/16 with smaller size and weight, using a proven screw-on coupling mechanism. With its corrosion resistance, 4.1-9.5 is the ideal choice for telecom applications where severe conditions require a high performance and robust connector.

HIGH PERFORMANCE

- Impedance 50Ω
- Frequency range DC ~ 6 GHz
- Very low intermodulation level <-125dBc
- Screw-on coupling mechanism
- Coupling retention force 450 N
- VSWR 1.02 + 0.02 √f
- Meets all requirements for IP67
- High mating life
- Light weight
- Reduced size allows more space for other components
- RF Power: Up to 1000 W @ 1 GHz