QLI



50Ω	DC - 6 GHz

INTRODUCTION

GENERAL

- Quick Lock Low Intermodulation connector
- Bayonet coupling mechanism
- High power rating
- 31% smaller & 60% lighter than 7/16

APPLICABLE STANDARDS

- IEC 61169
- MIL PRF 39012

OVERVIEW

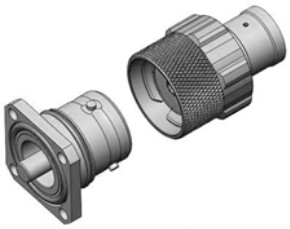
We expanded our broad range of Quick Lock products with QLI (Quick Lock Low Intermodulation). With the QLI, introduces a new solution for harsh environments, where performance and safety are critical. QLI connectors are designed to provide performance similar to DIN 7/16 with a very low intermodulation level, and a quick and safe connection, without any tools. Compared to 7/16, QLI is cheaper but also smaller (-31%) and lighter (-62%) offering an easy to use concept with its bayonet coupling system.

QLI is double sealing and offers special anti-corrosion & watertight plating, which makes it the best choice for outdoor installations and also indoor applications where the high performance is required. QLI connectors are available in plugs, jacks, straight or right angle, square sockets & bulkhead models with a compact design allowing high density integration (saving time on field installation).

Its simple jack design makes QLI robust and easy to clean when equipment is subjected to severe conditions in the field.

APPLICATIONS

- Telecom
- Medical
- Industrial
- Indoor and outdoor use



STEP 1: ENGAGE



STEP 2: PUSH



STEP 3: LOCK

HIGH PERFORMANCE

- Impedance 50Ω
- Frequency range DC - 6 GHz
- Very low intermodulation level <-163dBc
- Bayonet locking concept provides coupling retention force 450 N
- VSWR 1.04 + 0.02 √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 1000 W @ 2 GHz