

## **QAA6LC**

# 3-1/8" (IF110) to LC

Features: Applications: \* Low VSWR \* Wireless

\* Transmitter
\* Laboratory Test

\* Radar

#### **Electrical**

Frequency: DC~3GHz

VSWR: 1.07@DC~1000MHz max.

1.15@DC~1000~2500MHz max.

Dielectric Withstanding 6000V RMS, 50Hz, at sea level,

Voltage: min.

$$\label{eq:mpedance} \begin{split} & Impedance \ of \ Dielectric: & 5000 M\Omega \ min. \\ & Impedance \ of \ Contact & 1.5 m\Omega \ max. \end{split}$$

(Center):

Impedance of Contact  $1.5m\Omega$  max.

(Outer):

Average Power: 2.3KW@900MHz Peak Power: 90KW max. Impedance:  $50\Omega$ 

#### Mechanical

RF Connectors: 3-1/8" (IF110)

LC

Mating Life Cycle: 100 cycles min.

ROHS Compliant: Full ROHS compliance
Outer Conductor: Nickel plated brass

Dielectric: PTFE

Inner Conductor: Silver plated brass

#### **Environmental**

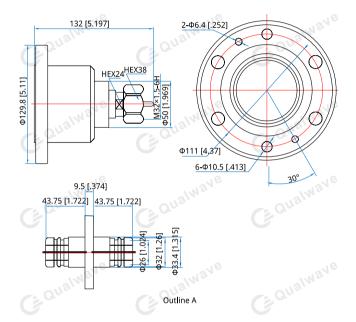
Temperature: -55~+85°C

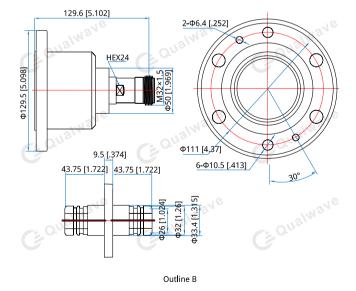
## **How To Order**

QAA6LC-M - 3-1/8" to LC (m), Outline A QAA6LC-F - 3-1/8" to LC (f), Outline B

Customization is available upon request.

## **Outline Drawings**





Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]