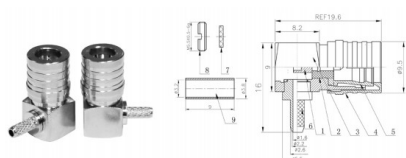


# QMA Connector Series

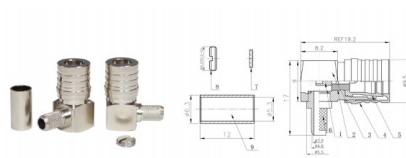
Documented model options: GL-QMAW1, GL-QMAW2, GL-QMAW3, GL-QMAW4, GL-QMAW5

Select the exact model by its documented frequency limit, VSWR and mechanical dimensions. Each option below remains a distinct orderable model.

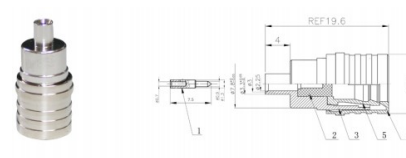
| Impedance | Mating cycles | Temperature  | Model count |
|-----------|---------------|--------------|-------------|
| 50 ohm    | ≥ 500         | -55°C-+155°C | 5           |



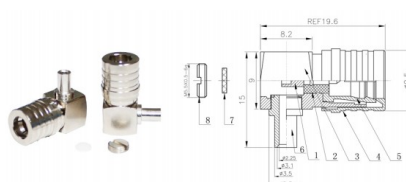
GL-QMAW1



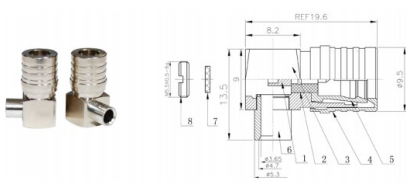
GL-QMAW2



GL-QMAW3



GL-QMAW4



GL-QMAW5

## Common documented specifications

| Field              | Documented value     |
|--------------------|----------------------|
| Test voltage (max) | 2500 V               |
| PIM (3rd order)    | ≤-160 dBc @ 2 x 20 W |
| Outer contact      | Brass CuSnZn Plating |
| Center contact     | Brass Ag Plating     |
| Plating            | CuSnZn               |

## Model-specific selection table

| Model    | Frequency range (GHz) | VSWR | Dimensions (source wording) |
|----------|-----------------------|------|-----------------------------|
| GL-QMAW1 | 7                     | 1.15 | Φ16*19.6*9.5                |
| GL-QMAW2 | 8                     | 1.15 | Φ17*19.2*9.5                |
| GL-QMAW3 | 6                     | 1.10 | Φ7.8*19.6*9.5               |
| GL-QMAW4 | 10                    | 1.15 | Φ15*19.6*9.5                |
| GL-QMAW5 | 5                     | 1.15 | Φ13.5*19.6*9.5              |

## Ordering check

- Confirm the exact model number and mating interface shown in that model's drawing.
- Confirm the required frequency limit, VSWR and mechanical dimensions before ordering.
- Custom connector requirements can be discussed through the RFQ process; no stock, MOQ or lead time is stated in this datasheet.

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