

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

The image displays four technical drawings of GL-series connectors, each with isometric, perspective, and cross-sectional views and dimensions in millimeters (mm) and inches (in).

- GL-MCXJ1:** Dimensions include 15.9 mm (0.625 in) for the main body length, 8.75 mm (0.344 in) for the pin length, 4.2 mm (0.165 in) for the pin diameter, 9.5 mm (0.374 in) for the base diameter, and 9 ± 0.05 mm for the base length.
- GL-MCXJ2:** Dimensions include 15.9 mm (0.625 in) for the main body length, 8.75 mm (0.344 in) for the pin length, 4.2 mm (0.165 in) for the pin diameter, 9.5 mm (0.374 in) for the base diameter, and 9 ± 0.05 mm for the base length.
- GL-MCXJ3:** Dimensions include 14.3 mm (0.563 in) for the main body length, 8.75 mm (0.344 in) for the pin length, 4.2 mm (0.165 in) for the pin diameter, 9.5 mm (0.374 in) for the base diameter, and 9 ± 0.05 mm for the base length.
- GL-MCXKE:** Dimensions include 15.9 mm (0.625 in) for the main body length, 8.75 mm (0.344 in) for the pin length, 4.2 mm (0.165 in) for the pin diameter, 9.5 mm (0.374 in) for the base diameter, and 9 ± 0.05 mm for the base length.

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-MCXJ1	8	1.10	Φ2.7*15.9*5
GL-MCXJ2	10	1.15	Φ10.5*8.7
GL-MCXJ3	5	1.10	Φ5*14.3*3.75
GL-MCXKE	7	1.15	Φ4.5*9.5*0.9
GL-MCXKWE	10	1.10	Φ5.4*9.7*8.2

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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