



Features:

- 758-896 MHz
- FirstNet Band 14 compliant
- Omnidirectional antenna
- Polarization: Vertical
- Gain: 2 dBi
- Antenna length: 170 mm.
- Cable length: 14 ft.

Applications:

- Vehicular glass mount
- Public safety
- First responders
- RoHS compliant

All dimensions are in mm / inches

Issue: 1744

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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Series: GLS

Description: Interior 2dBi Glass Mount
Dipole 758-896MHz**PART NUMBER: KGI768****ELECTRICAL SPECIFICATIONS**

Antenna Type	Glass Mount Dipole
Frequency	758-896 MHz
Nominal Impedance	50 Ω
VSWR	2:1
Radiation Pattern	Omnidirectional
Gain	2 dBi
Polarization	Vertical

MECHANICAL SPECIFICATIONS

Overall Length	170 mm
Weight	200 g
Antenna Color / Material	Black / PC/PET
Connector type	No connector
Cable type	RG-58
Cable length	14 feet / 4267 mm

ENVIRONMENTAL SPECIFICATIONS

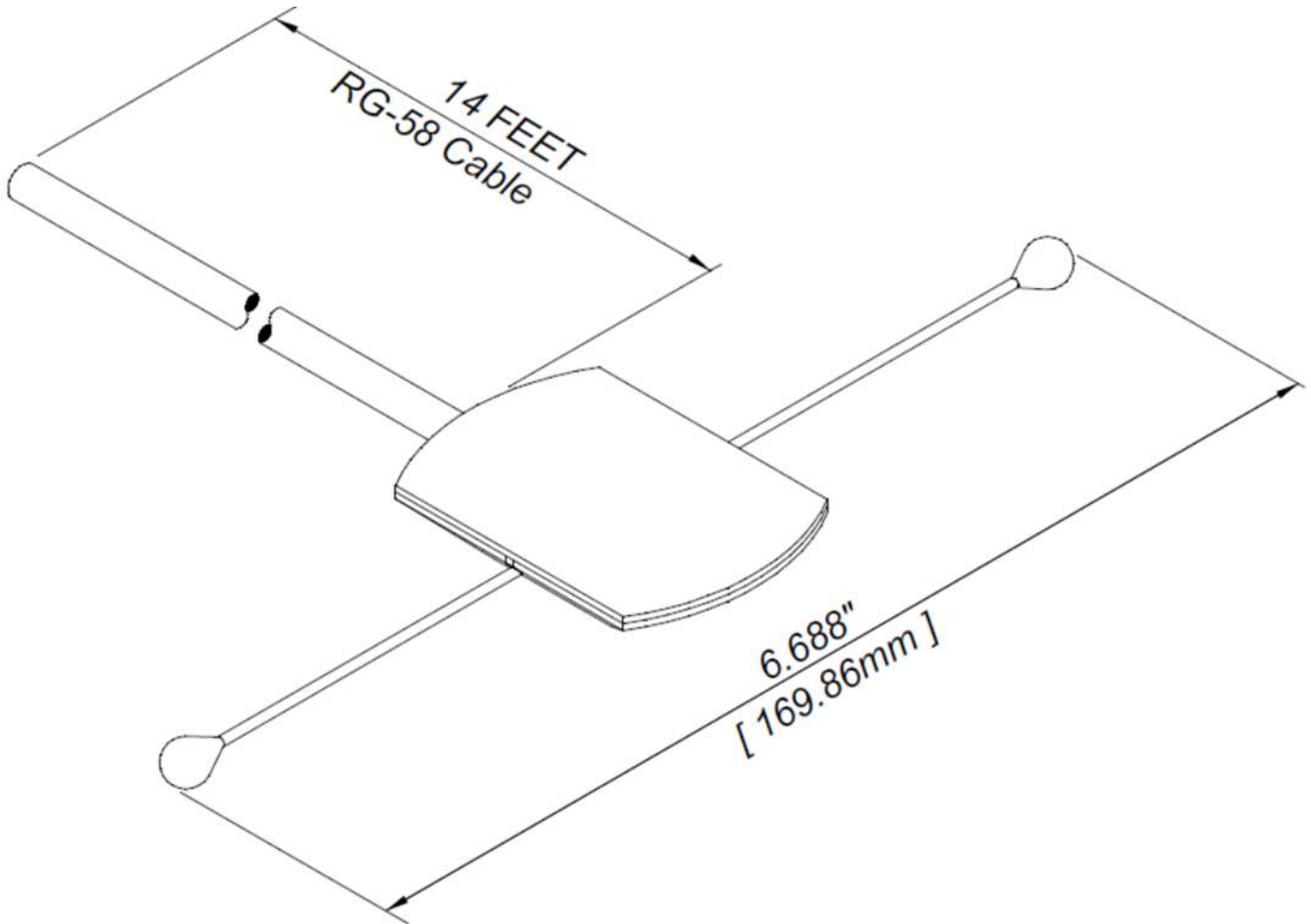
Operating Temperature	-40 to +85 ° C
RoHS Compliant	Yes

Description: Interior 2dBi Glass Mount
Dipole 758-896MHz

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MECHANICAL DRAWING



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TEST SETUP



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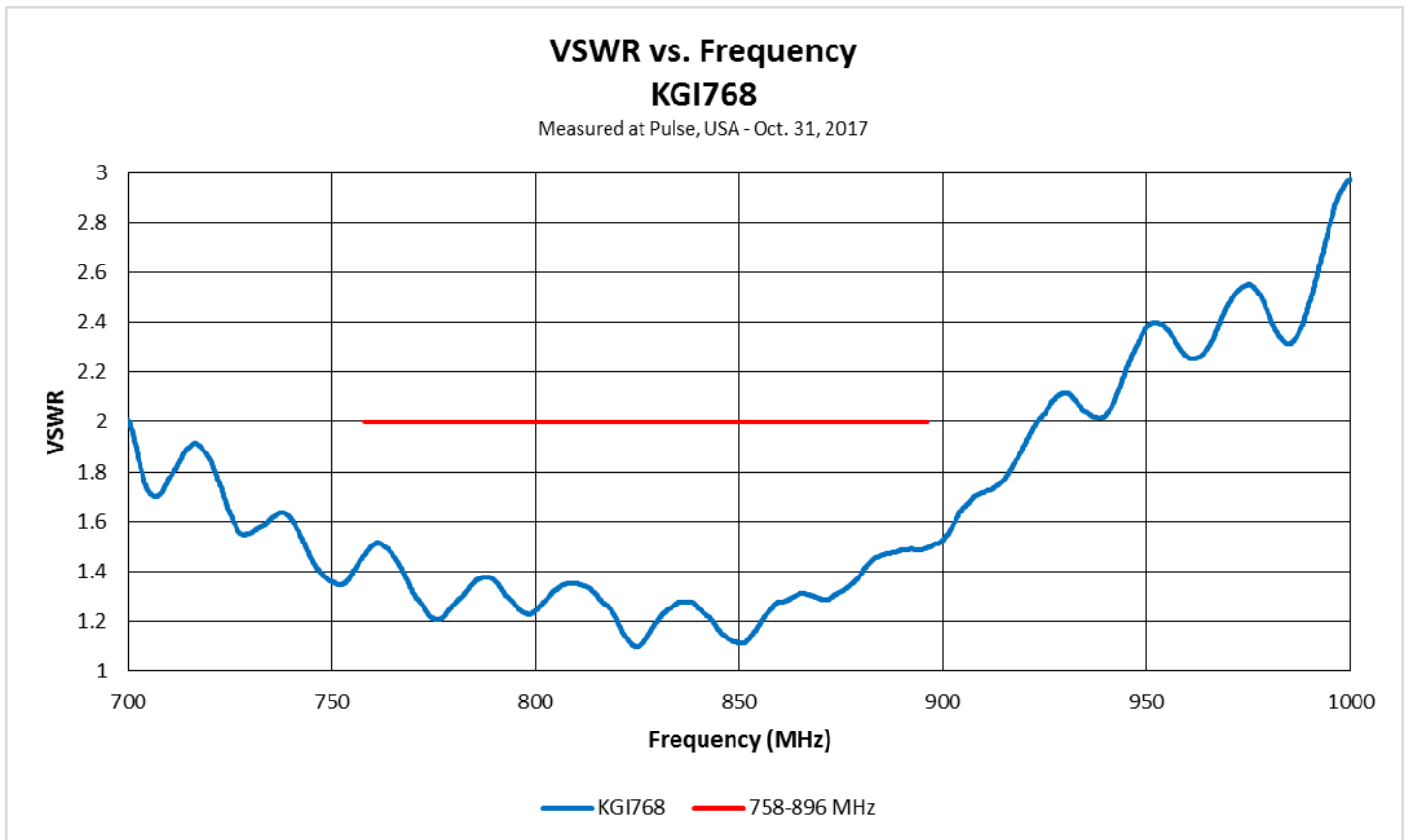
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CHARTS



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Description: Interior 2dBi Glass Mount
Dipole 758-896MHz

PART NUMBER: KGI768

PACKAGING

- 1 antenna packed in a plastic bag
- 1 label on plastic bag with part number, date code.

ASSEMBLY

PRE-INSTALLATION TIPS

- For the best performance, the KGI should be mounted vertically, but the horizontal position may be satisfactory in areas with a high penetration of cell sites (see Figure 1).
- Capacitance plates do not need to straddle the heater wires on the glass because the inside whips are the radiator.

INSTALLATION

1. Vehicle glass should be room temperature 72° F (22° C) prior to installation.
2. Clean inside mounting area with enclosed alcohol pad.
3. Peel protective liner from adhesive tape on the inside coupler. Mount the inside coupler starting at the top and rolling downward. Press firmly on all corners and in the center to ensure maximum contact.
4. Route coax to the radio/phone

