

WPANT50029

Isolation Circuit Board for eMCC



WPANT50029-C1B

0.085 semi-rigid with MCX Jack to 8" micro co-ax with IPX MHF connector

WPANT50029-C2B

0.085 semi-rigid with MCX Jack to 8" RG316 with MMCX Plug

Note: Different cable and connector style requests can be accommodated.

Application

This coupler provides good isolation from RF noise and high voltages. It is suitable for use in energy utility meters. It comes with a 0.085 semi-rigid cable with MCX jack at one end and an 8" long cable with a connector at the other end.

We specialize in developing customized Antenna solutions. Please contact sales@worldproducts.com with your specific application requirements.

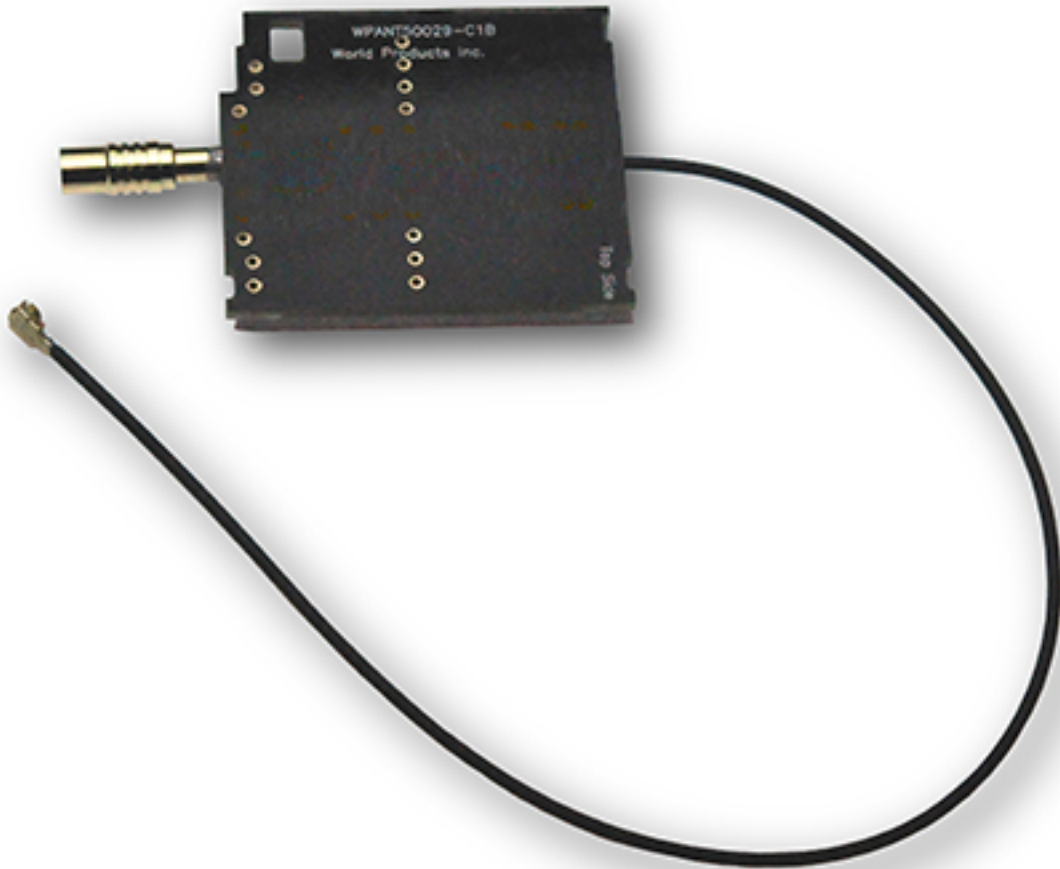
Electrical Properties

Operating Frequency	690 MHz – 3 GHz
Insertion Loss [dB] (Typical)	0.2 dB
Input VSWR (Typical)	< 1.5:1
Output VSWR (Typical)	< 1.5:1
Input / Output Impedance [Ω]	50 Ω
Voltage Rating	250 Volts AC

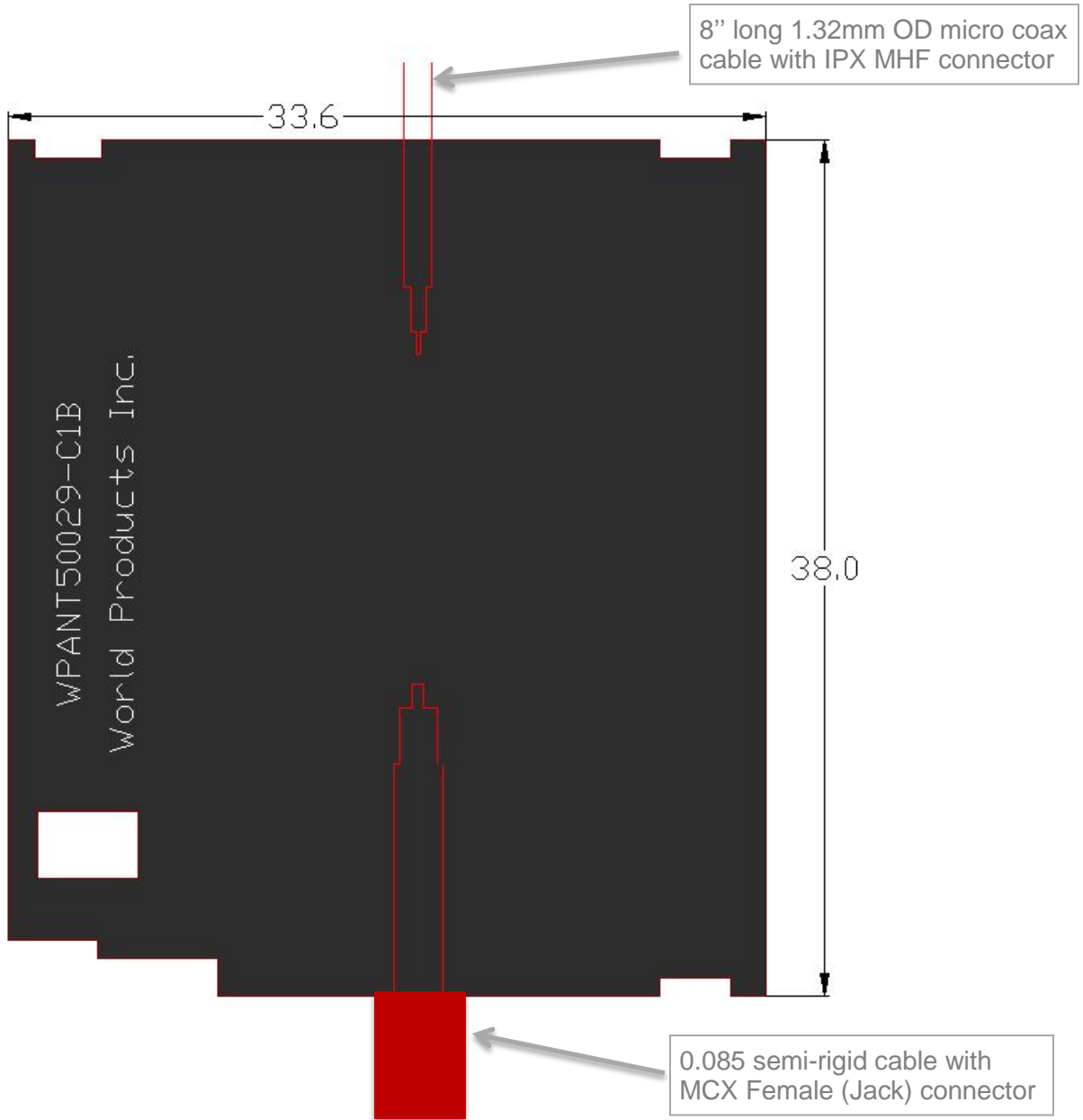
Mechanical / Environmental Properties

PCB Dimensions	1.5" X 1.3" X 0.062" (38mm x 33.6mm x 1.6mm)
Adapter Color	Black
Operating / Storage Temperature	-40°C to +125°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant

Picture



Board Layout



Note: All units are in millimeters (mm).