

Wellshow antenna AR010-2.4G is custom designed for Cooper Industries (Electrical) Inc. This antenna is a modified AR001WSW0101A antenna. Instead of having a straight SMA Plug antenna port, the radiating element is connected to a coaxial cable terminated with an IPEX (UFL) connector.

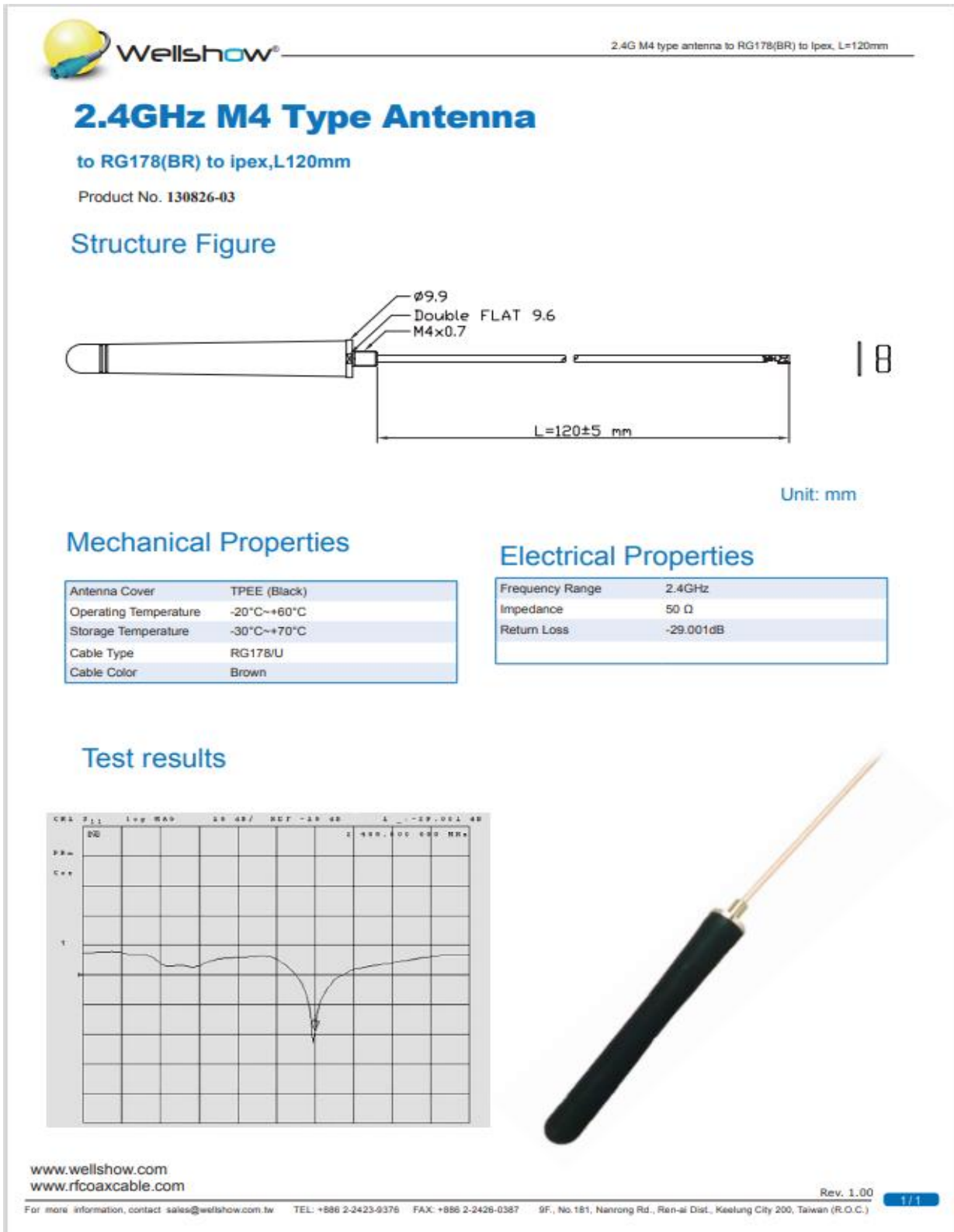


Figure 1 AR010-2.4G data sheet

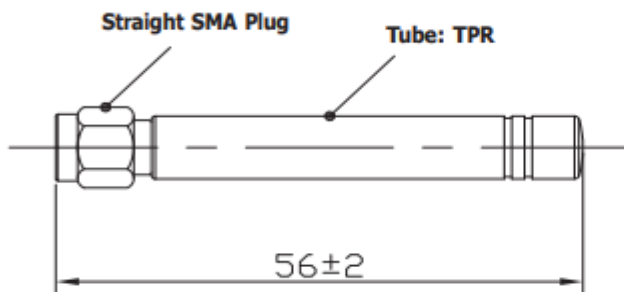
The data sheet for AR010-2.4G does not have the gain of the antenna. The gain was taken from the AR001WSW0101A data sheet and it is 2dbi.



2.4GHz Antenna with Straight SMA Plug

Product No. AR001WSW0101A

Structure Figure



Mechanical

Antenna Tube	TPR
Tube Color	Black
Operating Temperature	-20°C~+60°C
Storage Temperature	-30°C~+75°C
Connector Type	Straight SMA Plug
Connector Plating	Gold

Electrical

Frequency Range	2400MHz
Impedance	50 Ω
VSWR	2.0 Max
Gain	2.0 dBi
Electrical Wave	1/4λ, Dipole
Radiation	Omni
Polarization	Vertical

Figure 2AR001WSW0101A Data sheet