

2.45 GHz Wireless Power Transmitter

PWT-04



Description

The PWT-04 power transmitter wirelessly powers one or more remote devices, such as the WPH power harvesters or AST sensor tags, operating in the ISM 2.45 GHz frequency band. The PWT-04 power transmitter complies with the limits for a Group 2 Class B ISM device.

Features

Power transmitter in 2450 MHz frequency band

Adjustable output power from 0.5 W to 4 W

Compatible with AST-01 battery free sensor tags and WPH power harvesters

Could be synchronized with DTR-868 data transceivers

Flexible wall mounting options


RoHS compliant

CE certified



PWT-04

Characteristics

Regulatory approvals	EN 60950-1 EN 61000-6-2 EN 55011 EN 301489-1 & -3	
Frequency band	2450 MHz (continuous wave)	
Transmitted power	From 0.5 W to 4 W (user configurable)	
50 Ω RF output	1x SMA jack connector	
Power consumption	18 W	
Power supply	12 VDC / 2 A (included)	
Mounting	4x metallic holes Ø = 5.2 mm	
Dimensions	160 mm x 132 x 44 mm	
Operational environment	Temperature - 20 °C / + 50 °C Humidity 90% RH max, non-condensing	
Storage Temp.	- 40 °C / + 85 °C	
Weight	320 g	
Protection	IP20	
Color	Black	