

## WBT-694T2700M-DN01

### Product Feature

- High Reliability
- RoHS Compliant
- 694MHz~2700MHz System

### Electrical Specifications

<b>Connectors</b>	Port 1 : RF/DC Port 2 : RF Port 3 : DC
<b>Frequency Range</b>	Range 1 : 694MHz ~ 2700MHz Range 2 : 0 ~ 4.5MHz
<b>Insertion Loss</b>	0.3dB Max @ Range 1 1.5dB Max @ Range 2
<b>VSWR</b>	1.2:1 Max @ Range 1
<b>Isolation (Port 1 &lt;-&gt;3)</b>	65dB Min @ Range 2 50dB Min @ Range 1
<b>Power Rating</b>	500W CW Max @ (Port 1 <-> 2) 30V/2A Max @ 12V @ DC-Path
<b>Over Voltage Protection</b>	90V
<b>Surge Protection (port 1+2)</b>	10KA (8/20 μs) (according to IEC 61000-4-5)
<b>Intermodulation products 3<sup>rd</sup> order @ 2x20W</b>	155dBc Min
<b>In/Out Impedance</b>	50 Ohms Nominal

### Environmental Specifications

<b>Operating Temperature</b>	-40°C to +55°C, IP54
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### Mechanical Specifications

<b>Dimension</b>	92.0 x 46.0 x 41.0 (Unit:mm)
<b>Mounting Points</b>	Refer to Outline Drawing
<b>RF Connector</b>	Port 1,2 : 7/16 DIN Female connector Port 3 : TNC Female connector

## Outline Drawing

