

*Takta's new product,
Innovation in the broadcast industry*

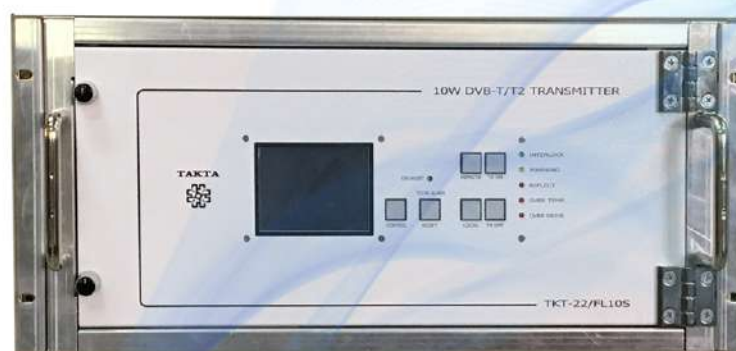
***10W DVB-T/T2
Transmitter***

TKT - 22 / FL 10S



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Parts	Explanation
Circuits	
<i>Final Stage Transistor</i>	<i>2 X BLF881</i>
<i>Driver Stage Transistor</i>	<i>2 X MW6S010N</i>
<i>First Stage Transistor</i>	<i>1 X MMG3012 ,1XHELA10</i>
External configuration	
<i>Dimensions</i>	<i>580*220*483</i>
<i>Weight</i>	<i>14KG</i>
<i>Input connection</i>	<i>SMA</i>
<i>Output connection</i>	<i>N , Female</i>
<i>Cooling system</i>	<i>HEAT SINK</i>
Protective equipment	
<i>Temperature protection</i>	<i>Automatic output interruption 70°C</i>
<i>Reverse protection</i>	<i>Automatic output interruption at 0.10W reflection</i>
<i>RF output power</i>	<i>10W Average</i>
<i>RF input power</i>	<i>-10 – 0 dBm</i>
<i>Gain</i>	<i>50 dB</i>
<i>power source</i>	<i>27V/14A , 12V/3A , 5V/8A</i>
<i>Channel coverage</i>	<i>470~862 MHz</i>
<i>Frequency response</i>	<i>±0.5dB within any channel</i>
<i>MER</i>	<i>36<</i>
<i>Shoulder</i>	<i>40< Before Filter</i>
<i>Shoulder</i>	<i>41<After Filter</i>
<i>Operation Temp.</i>	<i>0~50°C</i>
<i>Operation Temp. Within Spec</i>	<i>0~45°C</i>
<i>Gain stability</i>	<i>Within ±0.5dB</i>
<i>Maximum power</i>	<i>1 ΔW</i>
<i>power consumption (total rack)</i>	<i>Approx. 110 W</i>