



**ZTX170M**  
**ZTX170M Signal Generator Extender**

Part-No.: 1425.7850.02

**Product Description**

**Key Features:**

- Full-band frequency range WR6.5 (110 - 170 GHz)
- Mechanical tunable attenuators (0-40dB)
- High output power
- Convenient handling
- Test port adapters
- Multi position housing for on-wafer and waveguide based measurements



**Accessories/Options:**

- Antennas
- Fixed attenuators

**Technical Specifications**

RF Frequency [GHz]	110 - 170
Output Power [dBm (typ)]	+10
RF Output Port	WR6.5 (UG387/UM)
RF Output VSWR	1.5:1
Multipl. Factor	12
RF Input Frequency [GHz]	9.16 – 14.17
RF Input Port	2.92 mm female
RF Input Power [dBm]	+ 7
Input Damage Level [dBm]	> +16
Harmonics [dBc (typ.)]	< -20
Subharmonics [dBc (typ.)]	< -20
In-Band spurious [dBc (typ.)]	< -20
Operating Temperature	+18 °C to +30 °C
Dimensions (WxHxD) [mm] plus feet hight (adjustable from 13 to 23mm, depending on positioning)	220 x (typ.)85* x 110
Weight [kg] when fully equipped (including DC power adapter)	1.9 kg

\* hight depending on adjustment of attenuator, typ. 85mm, max 95mm



**Typical Performance**

