


TS22 and TS22A Specifications

Electrical	
Loop Limit	2 k Ω maximum at 48 VDC (nominal 20 mA minimum loop current)
DC Resistance (Talk Mode)	300 Ω typical
Monitor Impedance	
TS22	5 k Ω nominal at 1 kHz
TS22A	120 k Ω nominal at 1 kHz
Rotary Dial Output	
Pulsing Rate	10 pps \pm 5 pps
Percent Break	61 % \pm 2 %
Interdigit Interval	1000 ms typical
Leakage During Break	>50 k Ω
DTMF Output	
Tone Frequency Error	\pm 1% maximum
Tone Level	-3 dBm combined (typical)
High versus Low Tone Difference	4 dB maximum
Monitor Amplifier Power Source	9 V battery; provides 25 hours continuous use, typical
Speaker Levels for TS22	Low, medium, high and off
Automatic Power Shut Off	After 5 min. of no audio signal
Speakerphone Levels TS22A	Low, medium, high and off
Power Source	Shared line and battery power

Physical	
Measurement	10.25 in x 2.69 in x 3.38 in (26 cm x 6.83 cm x 8.57 cm)
Weight	
TS22	21 ounces (.595 kg)
TS22A	22 ounces (.624 kg) typical
Environmental	
Temperature Operating:	29 °F to 140 °F (-34 °C to 60 °C)
Storage	-40 °F to 150 °F (-40°C to 66 °C)
Altitude	To 10,000 feet (3,000 meters)
Relative Humidity	5 % to 95 %
Certifications and Compliance	
	Conformité Européenne. Conforms to relevant European Union directives.
<i>Note</i>	
<i>Specifications subject to change without notice.</i>	

Distributed by:

All-Spec Industries
5228 US Hwy 421 N
Wilmington, NC 28401
sales@all-spec.com
www.all-spec.com
PH: 800-537-0351
FX: 800-379-9903