



RISERBOND TDR 3200
Technical Specifications

Physical Dimensions:	Height: 120 mm - Width: 240 mm - Depth: 60 mm Weight: 1.2 kg
Power:	Battery: Internal, Rechargeable, 7.2V Nickel Metal Hydride Charging Source: External 12VAC transformer, 1.3A Operating Time: Greater than 10 hours, continuous, without backlight
Environmental:	Operating temperature: 0°C to +50°C Storage temperature: -20°C to +60°C Humidity: 95% maximum relative humidity, non-condensing
Display:	320 x 240 dot matrix Liquid Crystal Display (LCD) with electro luminescent backlighting
Maximum Ranges:	19.4 km at 99% VOP 15.7 km at 80% VOP <i>Range varies with VOP. Maximum testable cable, length varies with pulse width and cable type.</i>
Horizontal Resolution:	1 ft (0.1 m) at any VOP
Vertical Sensitivity:	Greater than 56 dB
Velocity of Propagation:	<i>Two user-selectable display formats</i> VOP (%) with 2 digit precision ranging from 30% to 99% V/2 with 3 digit precision
Input Protection:	400 V (AC+DC) from DC to 400 Hz, decreasing to 10V at 1MHz
Distance Accuracy:	+/- 0.5 ft (.15 m) plus +/- .01% of reading - <i>Accuracy will vary with VOP</i>
Output Pulses:	Pulse widths of 5, 25, 100, 500 nsec
Waveform Storage:	Standard: 4 SUPER-STORE waveforms Optional: 16 SUPER-STORE waveforms <i>All with 6,144 samples per waveform</i>
Software Noise Filter:	Standard: 8x, 50/60 Hz, Auto Optional: 4x, 16x, 32x, 64x, 128x, Averaging
Accessories:	Standard: Operator's manual, 12 VAC charger, Black, nylon carrying case, probes, connectors Optional: Extended waveform memory storage, Additional noise filters, Extended warranty
Certificates:	<i>CE - ISO 9001 registered</i>