Riser Bond Instruments
Radiodetection Cable Test Division

RISERBOND TDR 1205CXA
Technical Specifications

Physical Dimensions:	**Height:** 267mm - **Width:** 247.6 mm - **Depth:** 127 mm **Weight:** 3.6 kg
Power:	Internal, Rechargeable, 7.2V Nickel Metal Hydride battery pack
Charging Source:	External 12VAC transformer 1.3A
Operating Time:	Greater than 6 hours, continuous, without backlight
Environment:	**Operating temperature:** 0° C to +50° C **Typical temperature:** -20 ° C to +60° 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 CFL backlighting.
Horizontal Resolution:	<2000 ft: < .25 ft at .99 VOP, <.07 ft at .30 VOP >2000 ft: 1 ft at any VOP
Vertical Resolution:	14 bits with 170 dots displayed
Vertical Sensitivity:	Greater than 65 dB
Maximum Range:	9,400 meters at .990 VOP, 15,500 meters at .800 VOP - Range varies with VOP. Maximum testable cable length will vary with pulse width and cable type.
Distance Accuracy:	+/- 0.03m plus +/- .01% of reading. *Accuracy will vary with VOP and cable type.*
Input Protection:	400 volts (AC + DC) from DC to 400 Hz and decreases to 10 volts at 1 MHz
Auto dBRL:	2 digit auto dBRL calculation at cursor setting
Velocity of Propagation:	Keypad selection from .300 to .990 in .001 or .01 increments.
Output Pulse:	Selectable output pulse widths
Waveform Storage:	**Each with full vertical resolution** **Standard:** 8 waveforms **Optional:** 32 waveforms
Automatic/Manual Noise Filter:	**Standard:** Two averaging filters. **Optional:** Multi-function/level filter routines.
Output Connector:	Front panel female BNC - Serial I/O Port RS-232
Accessories:	**Standard:** Operator's manual, shoulder strap, battery charger, battery pack, noise filters, connectors, WAVE-VIEW software, clip on accessory bag. **Optional:** Additional waveform storage, multi-function/multi-level noise filtering, strand hooks kit, custom soft side carrying case, 12V cigarette lighter charger, extended warranty
Certificates:	***CE - ISO 9001 registered***

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