



FEATURES

- Fully compatible with T-Ray 5000
- Allows an umbilical pair to be used
- Minimum of additional fiber

APPLICATIONS

- Time domain reflection tomography
- Time domain transmission spectroscopy
- Terahertz imaging

T-Ray® 5000 UMA5001

Umbilical Adapter

The T-Ray® 5000 is the first compact pulsed terahertz measurement system that is robust enough to be deployed in an industrial environment and has all of the flexibility provided by our fiber coupled sensor heads in a rack mount package. By having replaceable sensor heads, the T-Ray® 5000 can be configured to fit your specific application.



The T-Ray® 5000 Umbilical Adapter (UMA5001) converts the connections on a standard T-Ray 5000 Control Unit to match the separate umbilical connections typical of the T-Ray 4000. This allows accessories that were designed originally for the T-Ray 4000 to be used with the T-Ray 5000. Specifically, the Transmitter and Receiver used for transmission spectroscopy and compatible with the Collinear Adapter can now be used with the advanced T-Ray 5000.

PARAMETER	SPECIFICATION	UNITS	COMMENTS
Polarization Extinction Ratio	<20:1		Horizontal
Standard Lens	25, 75, 150	mm	Collimating lens also available
Beam Diameter	38	mm	
Mounting Configuration	1/4-20		threaded mounting hole
Size	7.5 x 7.5 x 15		
Weight	275	gm	