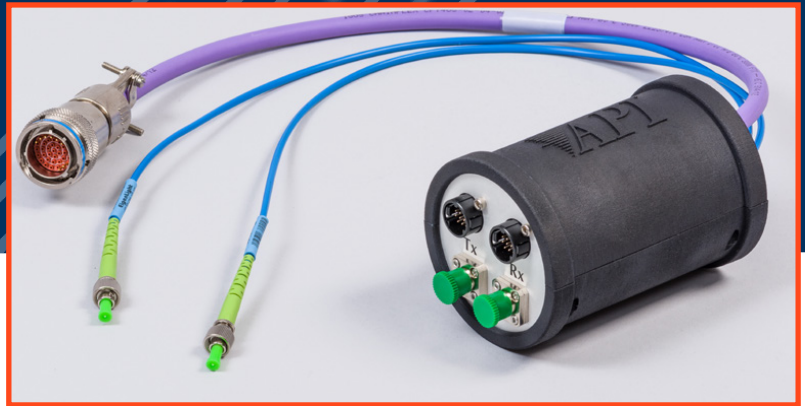


Umbilical Adapter

T-Ray® 5000 UMA5001



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.

APPLICATIONS

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

KEY FEATURES

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

ORDERING INFORMATION

Typical Configuration

- Terahertz Controller
- Umbilical Pair (5, 10, or 30 m)
- Transmitter and Receiver

Industry Leading Regulatory Compliance

The T-Ray® 5000 intelligent TCU has been certified by Underwriters Laboratories has received the CE mark, is fully compliant with FDA CDRH laser safety regulations, and has been tested to meet FCC part 18 regulations.



