



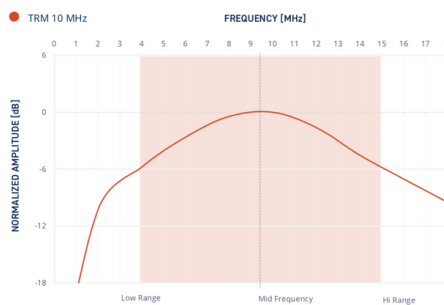
TRM 10 MHz

TRM-DA-10MHz (8 mm rexolite)

DESCRIPTION

The 10MHz transducer module (TRM) is our highest frequency model and provides great sensitivity for inspections of thinner components. The short wavelengths generated by this TRM provide high spatial resolution through the depth of the component. Sheet metal, adhesive bonding layers, thin metallic vessels and pipes can all be inspected. Typical component thicknesses are around 1-15mm*.

* Get in touch for specific material and penetration information as it can vary.



TECHNICAL DETAILS

Transducer Type Matrix (2D-array)

Transducer Elements 128x128 (16,384)

Transducer Aperture 32 x 32 mm

Element Pitch 250 μ m

Center Frequency 10 MHz

-6dB Frequency Bandwidth 115%

Sample Rate 50 MHz

Acquisition Rate A-scans 100,000 – 500,000 datasets per second

Acquisition Rate 3D 10-40 3D volumes per second

SIZE AND WEIGHT

Width 40mm / 1.6 inch

Length 40mm / 1.6 inch

Height 84mm / 3.4 inch

Weight 265 grams (excluding cable and delay line)

RESOURCES

[Get more insight about TRM usage](#)

[News and updates from dolphitech](#)

Contact Sales

More insight?