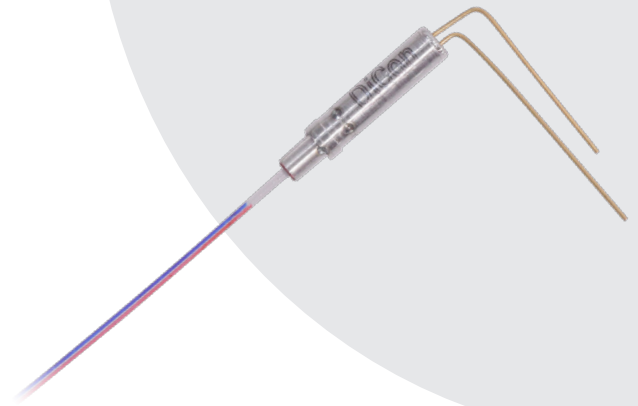


HERMETIC TAP DETECTOR SINGLEMODE

DiCon's Hermetic Tap Detector (HTD) combines the functionality of a thin film coupler and a photodetector into a single compact component for monitoring optical signals, with the added benefit of a hermetic seal for a more robust and reliable solution for rugged environments.

The HTD uses a thin film filter to tap off a percentage of the input signal only and directs it to the photodiode.



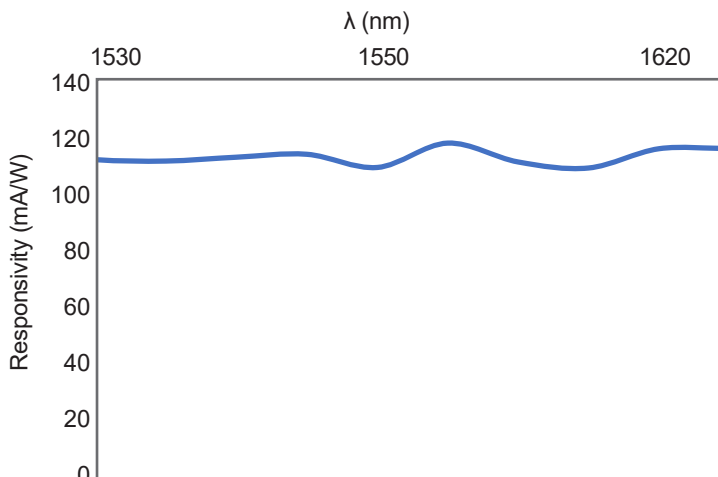
FEATURES

- High Directivity of 23 dB min (Unidirectional)
- Hermetically Sealed for Long Term Reliability
- Compact Size: 12.8 mm Long x 2.5 mm Diameter
- Flat Spectral Response

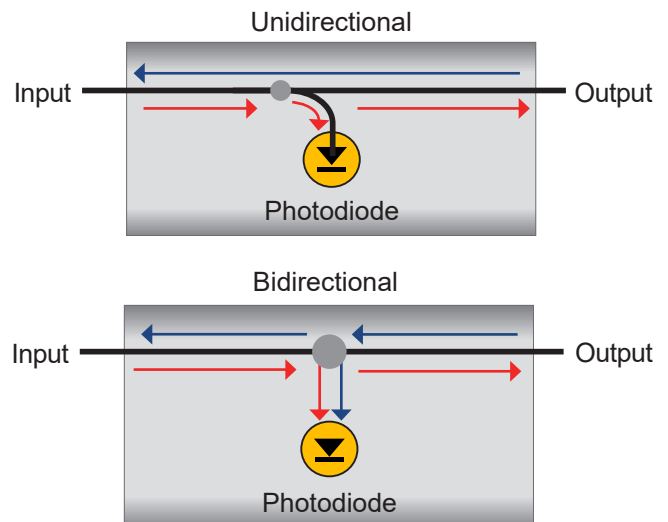
APPLICATIONS

- Optical Power Monitoring
- WDM System Channel Monitoring
- Commercial & Defense Networks

Example Spectral Response with 10% Tap Ratio



Functionality Type



OPTICAL SPECIFICATIONS^{1,2}

HTD-□/□-□-□-□-□-□

MECHANICAL SPECIFICATIONS



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