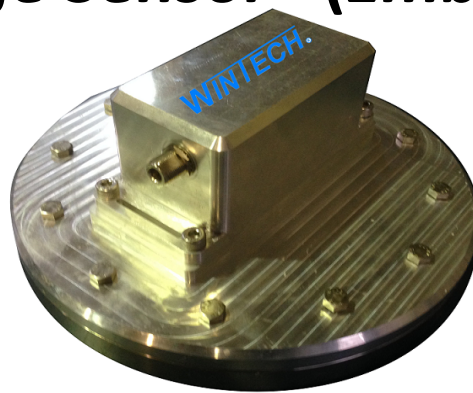


WINTECH ELECTRIC CO., LTD.

Wide Bandwidth | High Sensitivity | High Directivity

Active UHF- OTE

Active Ultra High Frequency Partial Discharge Sensor (Embedded Type)



Features

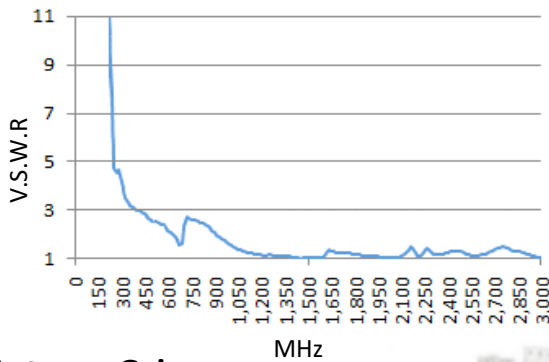
- Partial discharge (PD) sensor with wide bandwidth and high directivity, and high gain of 5 dBi.
- Designed to receive electromagnetic (EM) radiation with frequencies ranging from 300MHz to 3GHz of PD signals.
- **Built-in PD signal receiver, increasing the sensitivity for detection.**
- The dielectric window is made by PA 66 to isolate the sensor from oil and to prevent oil leakage.
- High directivity, and high gain can resist interference from the surroundings to increase the measured signal-to-noise ratio.
- The flat structure of UHF-OTE sensor does not affect the insulation distance of transformer.
- Ingress protection rating is IP 67.

Active Ultra High Frequency Partial Discharge Sensor (Embedded Type)

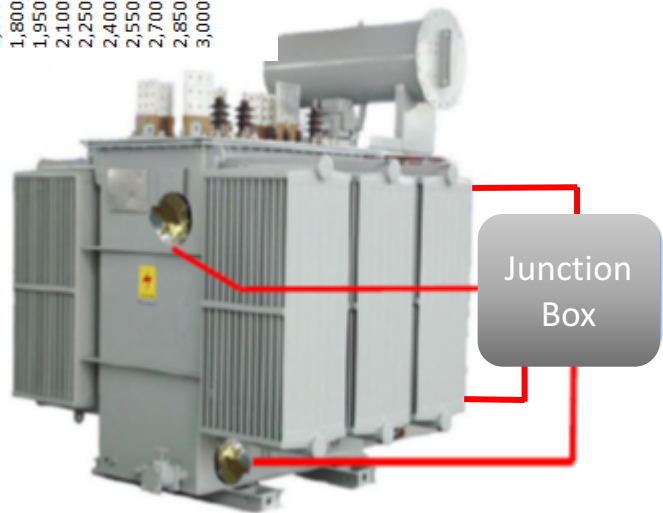
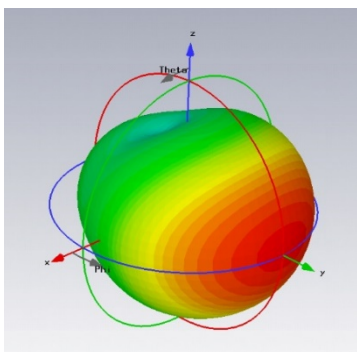
Technical Specification

Bandwidth	300 – 3000MHz (V.S.W.R <3.5)
Maximum Gain	5 dBi
Polarization	Linear Polarization
Impedance	50 Ω
Connector	N Type Female
Power Supply	DC 5V
Sealed Rating	>10 Bar

V.S.W.R(Voltage Standing Wave Ratio)



Antenna Gain



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