

Solexy – Antennas and Intrinsically Safe/Explosion Proof Barrier Fittings

The advertisement features a dark background with a silhouette of an industrial facility at night. Several blue wireless signal icons are scattered across the scene. In the center, a cylindrical antenna coupler is shown. Text elements include the Solexy logo, product specifications, and safety certifications.

SOLEXY WIRELESS

4G LTE & WiFi

choose the best antenna for **YOUR Wireless HazLoc** requirement (Yagi or Omni)

Intrinsically Safe & Explosion Proof Barrier Fitting

Class I Div 1 / Zone 1
100MHz to 6GHz

mobilizing **YOUR** favorite wireless device
(WiFi, 4G LTE Cellular & WiFi, RFID or Bluetooth)

<https://www.solexy.net/products/rx-series/>

IEC 60079-0, IEC 60079-1, PS

The Solexy RX Series Antenna coupler is designed to be used directly with any listed explosion proof housing or conduit fitting.

An integrated blocking circuit prevents potentially hazardous energy from reaching the hazardous area in case of radio, modem, or access point failure. \

The benefits impacting cost are greatly reduced efforts for RF path design/study by being able to put the antenna in good line of site, and the elimination of costly Div1 coax and antennas.

Devices beyond the fitting in the hazardous area require only “simple apparatus” listing, allowing use of most off the shelf, competitively priced coax and antennas. This also allows the user the ability to select the best antenna for his application such as Yagi or Omni.

You can learn more about this device at <https://www.solexy.net/hazardous-areas-equipment/explosion-proof-antenna-barriers/>