

Application note

UHF RADIOS AND TETRA SYSTEM

UHF VHF RADIO SYSTEM

*This is hand held communication radio system (UHF) similar to what is called Walkie-Talkie.
VHF is used for navigation systems on ocean vessels.*

**Oil rigs, refineries and ocean vessels use UHF radio systems such as walkie-talkie style mobile radios that for communication, but an infrastructure is required as well, especially on sea bearing vessels.
A gas tanker or an oil tanker is a classified area.**

Providers of shipboard telecom and navigation systems use the Solexy RX antenna couplers to have the flexibility **to install the antenna in any classified area.**

The coupler insures an intrinsically safe signal is provided to the antenna connection, either directly or through an extension cable.

On longer cable runs it is necessary to provide higher power to accommodate the losses in the cable.

The Solexy RF junction boxes are utilized with an RX antenna coupler, when this is required.

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SOLEXY ANTENNA COUPLERS

Advantages

- The Solexy coupler allows for a direct mounted Antenna or through cable connection
- Compact junction box available in Epoxy coated Aluminum or 316 stainless steel
- Maximum radio performance with minimum equipment

