

Application Note

TITAN RTD® Multiport Terminal and TRIDENT® Hardened Drop Cable Stubs Routing

This Application Note will cover the recommended routing for the TITAN RTD Multiport Terminal and TRIDENT Hardened Drop Cable Stubs

Strand Mounting

The AFL TITAN RTD Multiport Terminal can be mounted to strand using the Strand Mount Bracket Kit. The terminal should be mounted in a horizontal orientation with the ports facing down and towards the nearest pole. The stub of the terminal should be routed to the strand avoiding sharp bends. The stubs of the TRIDENT Hardened Drop Cables should also be bundled together and routed to the strand avoiding sharp bends that would violate the minimum bend radius of the stub cable (**Figure 1**).



Figure 1 — Strand Mount Application

Wall or Pole Mounting

For pole and wall mount applications, AFL recommends mounting the AFL TITAN RTD Multiport Terminal in a vertical orientation with the cable stub at the bottom. For applications where the stub must reach an enclosure mounted above the terminal or the stub spans aerially from pole-to-pole, the stub should be routed 180° up the pole (**Figure 2**). The stub should be routed vertically down the pole for at least 6" before beginning the 180° bend, taking care not to violate the minimum bend radius of the stub cable. To avoid excessive side pressure to the ports on the AFL TITAN RTD Multiport Terminal, the AFL TRIDENT Hardened Drop Cable stubs should follow the same routing path as the stubs for the terminal. AFL recommends the use of 2" bridle rings to aid in guiding the cable stubs (**Figure 3**).



Figure 2 — Pole Mount Application



Figure 3 — Bridle Ring

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Handhole or Pedestal Mounting

The AFL TITAN RTD Multiport Terminal should be mounted in the handhole or pedestal with adequate space to route the terminal and drop stubs (**Figure 4**) without violating the minimum bend radius of the stub cables. To avoid excessive side pressure to the ports on the AFL TITAN RTD Multiport Terminal, the AFL TRIDENT Hardened Drop Cable stubs should follow the same routing path as the stubs for the terminal.



Figure 4 — Handhole Mount Application