DPS 4040-E Repeater
Rack Mount – Ethernet

The **DPS 4040-E Repeater** relays data packets between the End of Train Device (ETD) and the Head of Train Device (HTD) in locations where terrain or obstacles make it difficult to maintain communication due to a compromised RF signal causing "no comms" and costly train delays. This can occur in deep canyons, sharp curves or when the end of train device is boxed in by other cars in a yard situation.

The **DPS 4040-E Repeater** meets or exceeds the guidelines of the AAR, as well as the Federal Railroad Administration (FRA), the Federal Communications Commission, (FCC) and Industry Canada (IC) regulations. It is backward compatible with all existing ETDs and HTDs. This is an innovative Repeater as it has built-in intelligence to monitor traffic and repeat only when needed. It also includes an LCD display that continuously shows all traffic, events and self-diagnostics.

Features:

- Compact – 19" x 12" x 3.5", 16.2 lbs.
- Ethernet capability for remote accessibility
- Smart repeating to only repeat necessary packets to reduce unnecessary traffic
  - Elimination of repeater ping ponging
  - During high RF traffic, only requested EOT to HOT traffic is repeated
  - Emergency HTD to ETD traffic is given priority
- 4 GB event recorder stores all traffic and events
- Two Ritron DTX-460 8 W, narrowband radios
- Power requirements – 12-13.8V 6 Amp DC

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