

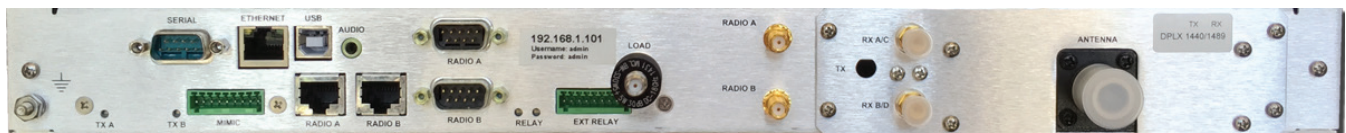
TP-128



Transfer Panel

FEATURES

- Redundant standby system accessory for Starlink 9000Q, DTVLink-A and NXGEN product lines
- Manual and automatic transfer with priority selection of primary or secondary radios
- Tri-color LED indicators display status of transmitter and receiver for both primary and secondary radios
- Hot or cold standby switching supported
- RF transfer relay provides high isolation, low insertion loss and wide bandwidth, while maintaining RF termination of the standby radio transmitter (for those models with built-in relays)
- Ethernet port for configuration and monitoring using a web browser
- SNMP monitoring and notification of radio failures or TP-128 changes
- Compact 1 RU rack-mountable unit



SYSTEM

TYPE	Latching Transfer Switch (standby TX switched into 50-ohm power termination)
FREQUENCY RANGE	0-18 GHz (with internal relay)
LOAD POWER	10 Watts (< 3 GHz); 5 Watts (> 3 GHz)

INTERNAL RF RELAY

TYPE	Make before Break Transfer Switch
SWITCHING TIME	15 ms, max.
LIFE	1 x 10 ⁶ cycles

EXTERNAL RF RELAY

SUPPLY VOLTAGE	12V or 24/28V (model dependent)
CURRENT CAPABILITY	1.0A, max.
DRY RELAY CONTACTS	5.0A, 50V, max.
STATUS INPUTS	2 TTL or contact closure

RADIO INTERFACES

RF CONTROL	2 Radio, 1 Antenna, 1 Load SMA Female DB-9M and RJ-45
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CONTROL

NETWORK MANAGEMENT	SNMP, Proprietary Web GUI, CLI
LAN/NMS CONNECTOR	10/100Base-T RJ-45 Female
SERIAL	115,200 b/s DB-9M
MIMIC PORT	4 TTL Output 2 TTL or contact closure Input 2.5mm Terminal Block Over Heat Sinks

POWER / ENVIRONMENT

DC POWER	-48 Vdc ±10%, <12.5 W
AC POWER (EXTERNAL PS)	100-240 Vac, 47-63 Hz, <0.2 A
OPERATIONAL TEMPERATURE	-30 to 60 °C
HUMIDITY	95%, non-condensing
ALTITUDE	15,000 feet / 4572 meters, maximum

PHYSICAL

SIZE (WITHOUT RACK EARS)	17.5w x 1.75h x 11.5d inches (44.5 x 4.45 x 29.2 cm)
WEIGHT	10 lbs (4.5 Kg)
EIA RACK MOUNT	19 inch/48.3 cm, 1 rack unit