



TTP EXPANSION BOX

The TTP Expansion Box provides additional resources and interconnections for the Honeywell TCAS II Processor (TPA-81A and TPA-100A) and the Honeywell TCAS Test Set (TPT-81A).

Features:

- GPIB Control Switch Matrix
- Four (4) High Power RF Switches (SPDT)
- 4 to 1 RF Switch
- Connections for TCAS II Processor cooling tray/test harness.
- TPT-81A Power Control Input
- TCAS Processor Power Switching (115VAC or 28 VDC).



Harness Connections (Front):

J2001 (37 Pin D-Sub)
J2002 (25 Pin D-Sub)
J2003 (15 Pin D-Sub)
J2004 (9 Pin D-Sub)
P2005 (Circular Power Connector)
P2002 (Circular Connector)
P2003 (Circular Connector)
P2004 (Circular Connector).

Rear Connections:

+28 VDC Input
Power Control (TPT-81A)
External RF Relay Control
115/230 VAC Power Input

Low Level RF Switch:

VSWR: < 1.5
Frequency: DC – 18 GHz
Insertion Loss: < 0.5 dB
Isolation: 60 dB Minimum
Switch: SP4T
Connector: SMA

High Power RF Switch:

VSWR: < 1.25
Frequency: DC – 7 GHz
Insertion Loss: < 0.3 dB
Isolation: 60 dB Minimum
Switch: SPDT
Connector: N-Type

Software:

Software provides control of switching matrix and test procedure.
GPIB Command File for ATE use.

Interface:

IEEE 488.2 (GPIB)

Physical Characteristics:

Power: 115/230 VAC, 50/60 Hz
Height: 5.25 inches
Width: 19 inches
Depth: 13 inches



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