

SPECIFICATIONS MODEL 8447 (Cat. No. 308447)

Path Model 8447 6-Channel RJ45 Cat5e / MIL-STD-1553B Concentric Twinaxial Connector A/B Switch

INTRODUCTION

The PathWay® Model 8447 6-Channel RJ45 Cat5e/MIL-STD-1553B Concentric Twinaxial Connector A/B Switch allows the user the capability of sharing a single port interface device connected to the "COM" port among two other devices connected to the "A" and "B" ports for each channel. The Model 8447 dimensions are 19"W x 3.5"H x 10"D. It weighs approximately 10.0 lbs.

FEATURES:

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- The switch ports are transparent to all data.
- All pins of the RJ45 interface are switched.
- Both center conductors of the MIL-STD-1553B interface are switched.
- All channels are switched simultaneously.
- When power is lost, unit reverts to the "A" position for all channels.
- When power is restored, the unit automatically switches to the last known position.
- Front panel LED's display switch position and power status.



SPECIFICATIONS:

PORT CONNECTORS:
CHANNEL 1: (3) RJ45(F) connectors labeled A, B, COM
CHANNEL 2: (3) RJ45(F) connectors labeled A, B, COM.
CHANNEL 3: (3) MIL-STD-1553B female concentric twinaxial connectors labeled A, B, and COM.
CHANNEL 4: (3) MIL-STD-1553B female concentric twinaxial connectors labeled A, B, and COM.
CHANNEL 5: (3)MIL-STD-1553B female concentric twinaxial connectors labeled A, B, and COM.
CHANNEL 5: (3)MIL-STD-1553B female concentric twinaxial connectors labeled A, B, and COM.
CHANNEL 6: (3) MIL-STD-1553B female concentric twinaxial connectors labeled A, B, and COM.
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FRONT PANEL CONTROL: (1) manual pushbutton allows local switching.
DISPLAY: (2) Front panel LED's display switch position and power status.
POWER: Wide Range Power Module (Cat No 517277) CE and UL listed table mount power module, 100VAC / 240VAC, 50Hz/60Hz is included

with the unit. Ideal for international applications. **DIMENSIONS:** Rackmount 19.0" W x 3.5" H x 10.0" D. **WEIGHT:** Approximately 10.0 lbs

Common *1*	Channel 1		00	→ ∩A	RJ45	Cat5e Cat5e	Channel 1 Device "A"	Channel 1
Common "2"	Cat5e Channel 2 Cat5e			○B →○A	RJ45	Cat5e Cat5e	Channel 2 Device "A"	Channel 2 Device"B"
Common "3"	Channel 3 Twinaxial	MIL	C 3	→_A B	MIL	MIL 1553B MIL 1553B	Channel 3 Device "A"	Channel 3 Device"B"
Common "4"	Channel 4 Twinaxial	MIL	C 4	→ A B	MIL	MIL 1553B MIL 1553B	Channel 4 Device "A"	Channel 4 Device"B"
Common "5"	Channel 5 Twinaxial	MIL	C 5	•_A •B	Mil	MIL 1553B MIL 1553B	Channel 5 Device "A"	Channel 5 Device"B*
Common "6"	Channel 6 Twinaxial	MIL	C 6	≁ ∩А	MIL	MIL 1553B MIL 1553B	Channel 6 Device "A"	Channel 6 Device"B*

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