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JDS Uniphase

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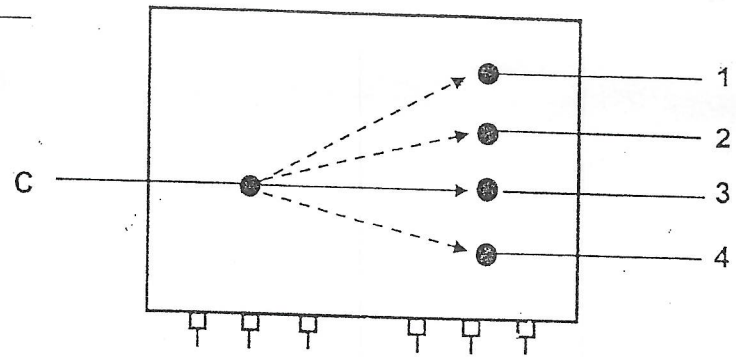
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SW 1:4 Optical Switch - TTL Drive

Product Code: SW104+227DLFPL1.5

Serial Number: KD0197781

CAUTION: This device can be damaged by electrostatic discharge (ESD). Please follow standard ESD procedures for handling and installation.



Operating Instructions:

Note: This device can be damaged by connecting it incorrectly.

1. Connect GREEN pin to Ground.
2. Connect RED pin to +5 VDC ± 5%.
3. Connect switching pins as follows:

----> Powered State, with high level TTL input

Optical Connection	PIN 1	PIN 2	PIN 4
C - 1	HIGH	LOW	LOW
C - 2	LOW	HIGH	LOW
C - 3	LOW	LOW	LOW
C - 4	LOW	LOW	HIGH

Logic high: (2.0 ≤ HIGH ≤ 5.25 V)
Logic low: (0 ≤ LOW ≤ 0.8 V)
TypicalOperating Current: 25 mA plus 45 mA when port 1or 2 or 4 selected.

Test Results:

Optical Path	Insertion Loss[1] (dB) @ 1310 nm	Insertion Loss[1] (dB) @ 1550 nm	Max. Insertion Loss Spec.[2] (dB)	Return Loss[3] (dB) @ 1310 nm	Return Loss[3] (dB) @ 1550nm	Min. Return Loss Spec.[3] (dB)
C - 1	1.08	1.06	1.0	>65	58.2	45
C - 2	0.50	0.57	1.0	>65	>65	45
C - 3	0.37	0.50	1.0	>65	>65	45
C - 4	0.46	0.44	1.0	>65	>65	45

Notes: 1) - Includes the loss of one connector in connectorized versions.
2) - Spec. excludes connector loss. Add 0.2 dB typical for each connector in connectorized versions.
3) - Excludes connector in connectorized versions.

Inspected by: Mary Stoica Date: May 13,00

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