

New Rock Technologies, Inc.

PT4800 RJ45-RJ11 Patch Panel Surge Protector for Telecom
Product Specifications

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Amendent Records

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1 Introduction

1.1 Appearance

Figure 1-1 Front Panel



Figure 1-2 Back Panel



1.2 Specifications

Table 1-1 Parameter list

Name	Value
Number of RJ45 ports available	12
Number of RJ11 ports available	48
Surge protection	Common mode(TIP/RING, each line)
Operating voltage	≤184V
DC breakdown voltage	230V(±20%)
Pulse breakdown voltage	<600V @ 1000V/uS
Max. discharge current	250A @ 10/700uS
Severity level for lightening strike test*	6.0kV @ 10/700uS
Insertion loss	<12Ω, <1.5pF
Chassis material	Galvanized steel
Installation	Flush mount
Color coding standard for twisted pair cable	568B
Twisted pair cable type	Recommended: CAT4 Compulsory: CAT3
Cross-sectional area of grounding cable	2.5 mm ²
Ground connection	Screw lug
Dimensions (H × W × W)	1.49 × 18.90 × 4.53 in. (43 × 480 × 115 mm)

Name	Value
Weight	2.27 lb (1.03 kg)
Operating temperature**	-40 to 185 F (-40 to 85 °C)
Standard compliance	RoHS, IEC61000-4-5:2005, GB_T17626.5-2008



Note

* The *Severity level for lightning strike test* is the maximum voltage that the device can withstand under the protection of the product.

** It is recommended to maintain the operating temperature under 140°F (60°C) when connecting high-current device.