




Category 6 Patch Panels

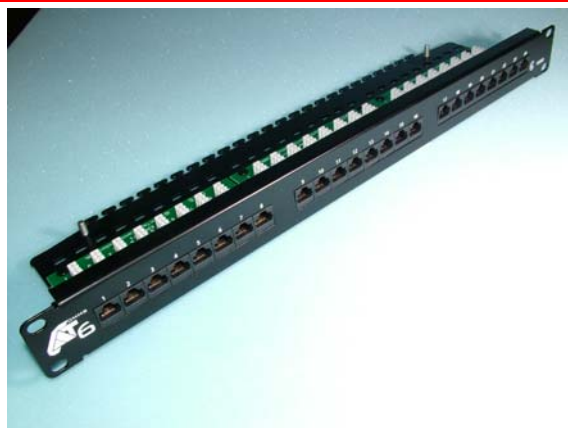
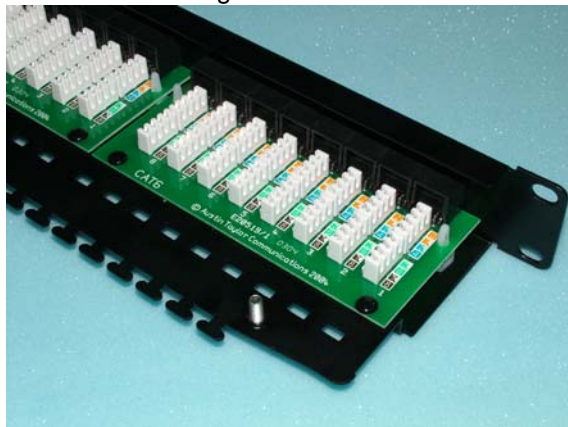
Designed to meet the latest ratified Cat6 standards, these  panels offer superior throughput compared with Category 5e components, whilst still maintaining a compact format and Power Over Ethernet capability. The 16 and 24 ports variants are presented as a single row, within a single 19" rack 1U format, whilst 32 and 48 port panels are presented as a double row, fitting into just 1½U.

Each panel is supplied with a fixing and earthing kit and adhesive label field for individual port identification.

The integral cable management area provides fixing points for each cable. The fixing points are designed for maximum ease of use.

Simply fit the cable ties loosely to the cable, slide over the fixing point and tighten.

The finish is semi-gloss black.



Summary

Fully tested and UL approved to:	TIA/EIA 568b.2-1 ISO/IEC JTC 1/SC 25 11801:2002
Dimensions:	Standard 19" rackmount 16 and 24 port 1U high 32 and 48 port 1½U high
Colour:	Semi-gloss black
Termination:	Krone style IDC coded to TIA/EIA 568B
Management:	Quick fit cable fixing point per port
Sockets:	RJ45 8 contact, gold plated
Included Accessories:	Cable ties, cagenuts and screws, labelling kit
Compatibility:	Power Over Ethernet compliant Full with other ATNet products

Sample Results (as part of channel solution)

NEXT (dB)							
Freq	1-2	1-3	1-4	2-3	2-4	3-4	Limit
10	-80.1	-69.2	-78.8	-69.1	-72.5	-72.4	-56.6
100	-67.1	-53	-59.9	-53.9	-59.8	-56.7	-39.9
155	-52	-49.6	-56.1	-55.9	-59.6	-54	-36.6
250	-47.3	-40.5	-42.4	-43.7	-50	-41.5	-33.1

PSNext (dB)					
Freq	Blue	Orange	Green	Brown	Limit
10	-68.4	-67.2	-65.2	-68.9	-54
100	-52.1	-52.6	-49.4	-53.5	-37.1
155	-47.1	-49.7	-47.3	-51	-33.8
250	-37.8	-41.5	-36.9	-38.6	-30.2

Insertion Loss (dB)					
Freq	Blue	Orange	Green	Brown	Limit
10	-5.5	-5.1	-5.4	-5.2	-6.4
100	-19	-17.7	-18.6	-17.9	-21.3
155	-24	-22.1	-23.4	-22.5	-27.2
250	-31.1	-28.7	-30.3	-29.1	-35.9

Return Loss (dB)					
Freq	Blue	Orange	Green	Brown	Limit
10	-45.6	-42.9	-53.2	-38.1	-19
100	-44.3	-32.6	-45.1	-28.3	-12
155	-35.2	-41.5	-26.4	-31.1	-10.1
250	-22.4	-34.3	-55.5	-41.1	-8

Ordering

Description	Part No	Carton
Patch Panel 16 Port CAT6	9PAN205291	10
Patch Panel 24 Port CAT6	9PAN205231	10
Patch Panel 32 Port CAT6	9PAN205301	10
Patch Panel 48 Port CAT6	9PAN205311	10

Accessories

Accessories	Part No	Carton
19" Blanking Panel	9PAN200421	1
19" Cable Management Panel	9PAN203881	1
Patch Cord CAT6 Grey 1.0M	9CAB601000	20
Patch Cord CAT6 Grey 2.0M	9CAB602000	20
Patch Cord CAT6 Grey 3.0M	9CAB603000	20
Patch Cord CAT6 Grey 5.0M	9CAB605000	20

Disclaimer

Results shown are those provided by Underwriters Laboratory under the requirements of the relevant test specifications. They are not necessarily representative for any particular installation, which should be tested independently. When testing using Fluke test systems, the use of the general purpose PM06a heads are recommended.

Datasheet

Austin Taylor Communications Ltd
Bethesda, Gwynedd, LL57 3BX, UK

A subsidiary of
Communications Systems Inc.

UK Tel: 0871 5044 186
UK Fax: 01248 600370

Int. Tel: +44 871 5044 186
Int. Fax: +44 1248 600370

<http://www.austin-taylor.co.uk>



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