



... let the light be your guide.



➤ The reliable link of your network



JUSTYNTYME
SOLUTIONS





The Company : Justyn Tyme Components Inc.

- Ø Started in 1991 by Fred L Seyford Justyn Tyme Components is an ISO 9001/2000 certified company.
- Ø In 2001 Justyn Tyme started a division called Justyn Tyme Solutions to focus on our customers' needs for computer hardware with sales support for Cisco, Sun, IBM, HP / Compaq and technical support in Windows based networking solutions, Windows NT/ back office server installations, migration, trouble shooting and support.
- Ø In 2002 Justyn Tyme Memory was introduced to again keep up with the changing needs of our customers. Justyn Tyme supports many major systems and offers many different types of memory technologies making Justyn Tyme an excellent single source for all your memory needs.
- Ø In 2009 Justyn Tyme introduced the PatchSee Intelligent Patch Cord to keep Data Centers IT Departments and Telecommunications Centers running smoothly. The financial cost resulting from down network services and mission-critical applications can represent significant loss in many sectors, such as banking, e-commerce, telecommunications and industry.

The Company : Justyn Tyme Solutions

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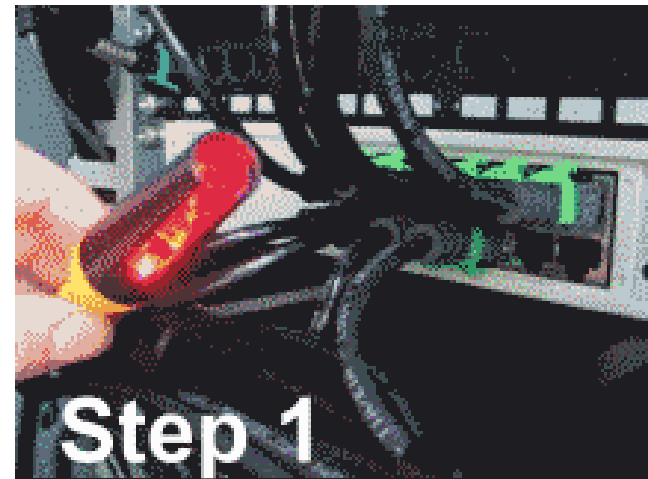


The Company : PatchSee

- ∅ International Headquarters :
29 Porte du Grand Lyon
01700 NEYRON (Lyon), FRANCE
- ∅ Created : Jan. 2001
- ∅ Manufacturer of light identification patch cords
- ∅ International Patent
- ∅ Products are sold in 30 different countries worldwide

Key benefits:

- ∅ Time saving
 - ü Cables are quickly identified
- ∅ Security
 - ü No handling errors during troubleshooting operations
- ∅ Simplicity
 - ü Identify both ends of the patch cord without any disconnection or disturbance of the data transmission (light injection)
- ∅ Productivity
 - ü 5 minutes of network downtime cost \$2,175 to medium size companies



The Solution For Data Centers

Ø **MANAGING DATA CENTERS IS A STRATEGIC RESPONSIBILITY**

The primary role of every data center, computer/server room and network rack is to keep corporate information services up and running. Today, however, systems are evolving quickly and infrastructure management continues to grow increasingly complex. Every maintenance operation and every technical intervention, whether planned or unexpected, must be fast and secure. The financial cost resulting from down network services and mission-critical applications can represent significant loss in many sectors, such as banking, e-commerce, telecommunications and industry.



Meets Network Engineers and Managers Expectations

Ø **PATCHSEE IS A SOLUTION THAT IS UNIQUE EXCLUSIVE EFFICIENT**

Given these needs, the PatchSee solution was designed from the outset to meet the expectations of network designers and managers in terms of efficiency, performance and security. With PatchSee, your network management benefits from an exclusive technology that lets you identify data connections and strategic links quickly and efficiently. Today, over 4 million PatchSee Optical Technology products are up and running around the world, proving both the market need and PatchSee performance in many fields. Compatible with all existing network hardware, PatchSee offers unparalleled ease-of-use, security and speed during maintenance and troubleshooting operations for data centers, computer rooms, network racks and more.

What Serious Data Centers Have Been Waiting For

PERFORMANCE

- Ø **Lets you instantly trace both ends of any network cable using an exclusive lighting system**
- Ø **Clear visual identification increases security when handling network connections**
No more plugging and unplugging the wrong cables, no more basic mistakes causing down-time for information services
- Ø **Confirm links before disconnecting servers and other connections**
Increased security.
- Ø **Small sized boots fit easily into high density environment**
switches, servers and patch panels
- Ø **PatchClip removable color clips**
Practical for managing any kind of network; provides visual differentiation for racks, applications and servers according to their use (e-commerce, Web, data, etc); protects cable lock-tabs

What Serious Data Centers Have Been Waiting For (cont.)

- Ø **Compatible with all types of computer equipment cabling, switches, etc.**
- Ø **Complies with EIA/TIA & ISO standards – 10 GB applications**
- Ø **Cat. 6a / Cat. 6 / Cat. 5e – UTP & FTP**
- Ø **Available in lengths from 2 to 165 feet (0.6 to 50 meters)**
- Ø **Several PatchLight models to choose from, providing different colors for simultaneous identification**
- Ø **"Scratch" type cable ties**
the convenient way to tie and untie all your cables

PatchSee Products



**PATCHSEE CABLES ARE THE ONLY
RJ-45 CABLES IN THE WORLD
THAT USE OPTICAL TECHNOLOGY.**

Light is transmitted from one end of the cable to the other by two integrated Plastic Optical Fibers (POF) that you can see behind the plugs



I encourage you to take a look at this product and order a free Demo Kit on our site. http://www.justynty.com/data_centers.aspx

1

PLUG

PatchSee Optical Technology cables plug in just like classic RJ 45 cables.





3

LOCATE

Thanks to PatchSee Optical Technology, you can instantly see where the other end of your cable is plugged in!



PATCHSEE OPTICAL TECHNOLOGY CABLES :

- Find your plugs at the speed of light
- Compatible with all standard computer equipment: cabling, switches, servers, etc.
- Compliant with EIA/TIA & ISO standards – 10 GB applications
- Cat. 6a / Cat. 6 / Cat. 5e
- Non-shielded U-UTP & shielded U-FTP
- From 2 to 165 feet (0.6 to 50 meters)

PATCHCLIPS :

- Removable coding clips available in 16 colors
- Protects locking tab on plug

PATCHLIGHT PRO:

- Light source for optical detection
- 2-colors flashing or steady light lets you trace up to 4 cables simultaneously

PATCHGRIP :

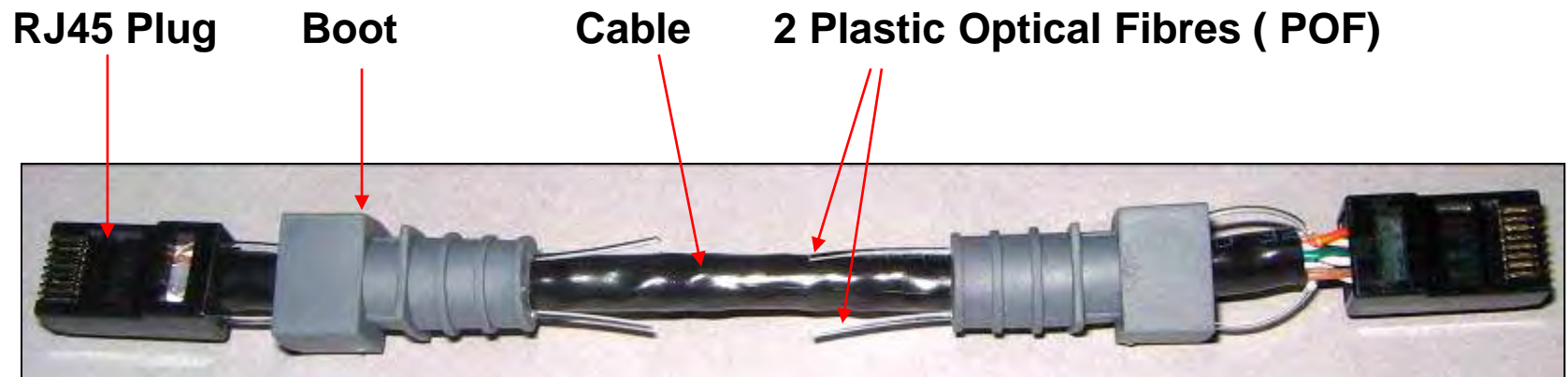
- Practical "scratch" type cable ties (15 cm)
- Easy to access, always ready-to-use in practical dispenser



How it works:

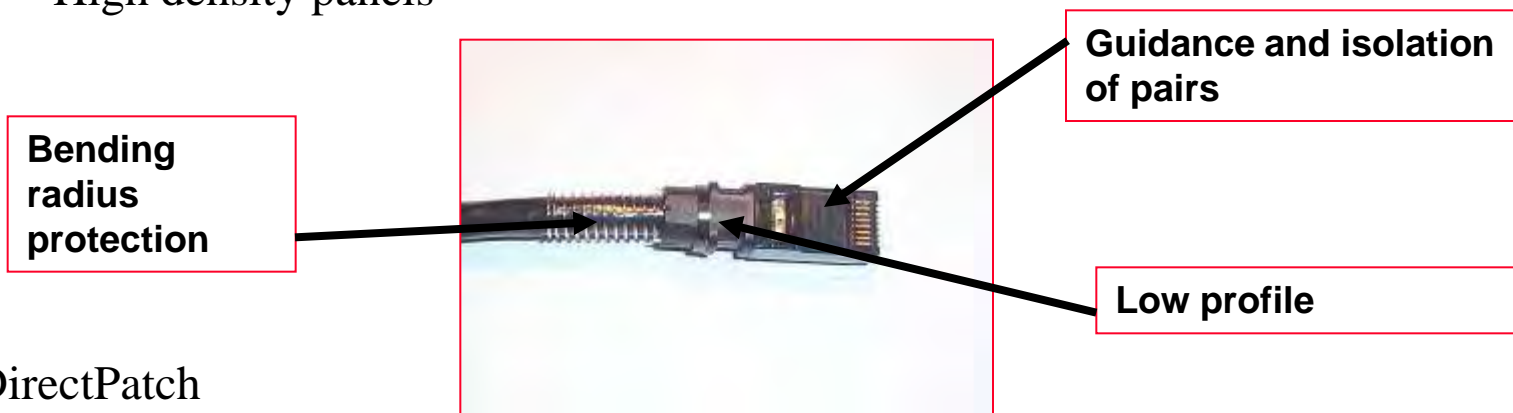
Our Solution: Patch cords with light identification system.

The light is transmitted by two Plastic Optical Fibres (POF) running through the length of the cables.



PatchSee product range: RJ45 patch cords

- ∅ Class6Patch & BasicPatch
 - ü RJ45 patch cords – Cat. 6 + Cat. 5e – UTP + FTP
- ∅ PhonePatch for telephony
 - ü RJ45 patch cords – 2 pairs
- ∅ PCI-6Patch (10 Gigabit)
 - ü RJ45 patch cords – Cat. 6a – UTP + FTP – 10 Gigabit (future Cat.6a norm) – High density panels



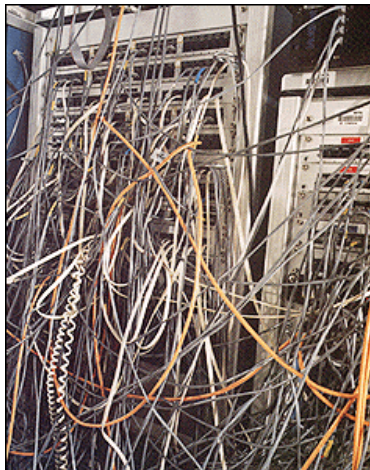
- ∅ DirectPatch
 - ü RJ45 patch cords - Cat. 6 - UTP + FTP – long lengths for direct patching
 - ü Maximum length is 50 meters (164 feet)

- ∅ Ease of identification:
 - ü part number and length printed on the boot
 - ü Data patch cords: BLACK
 - ü Phone patch cords: GRAY

- ∅ 16 standard lengths
 - ü A large choice



Before PatchSee

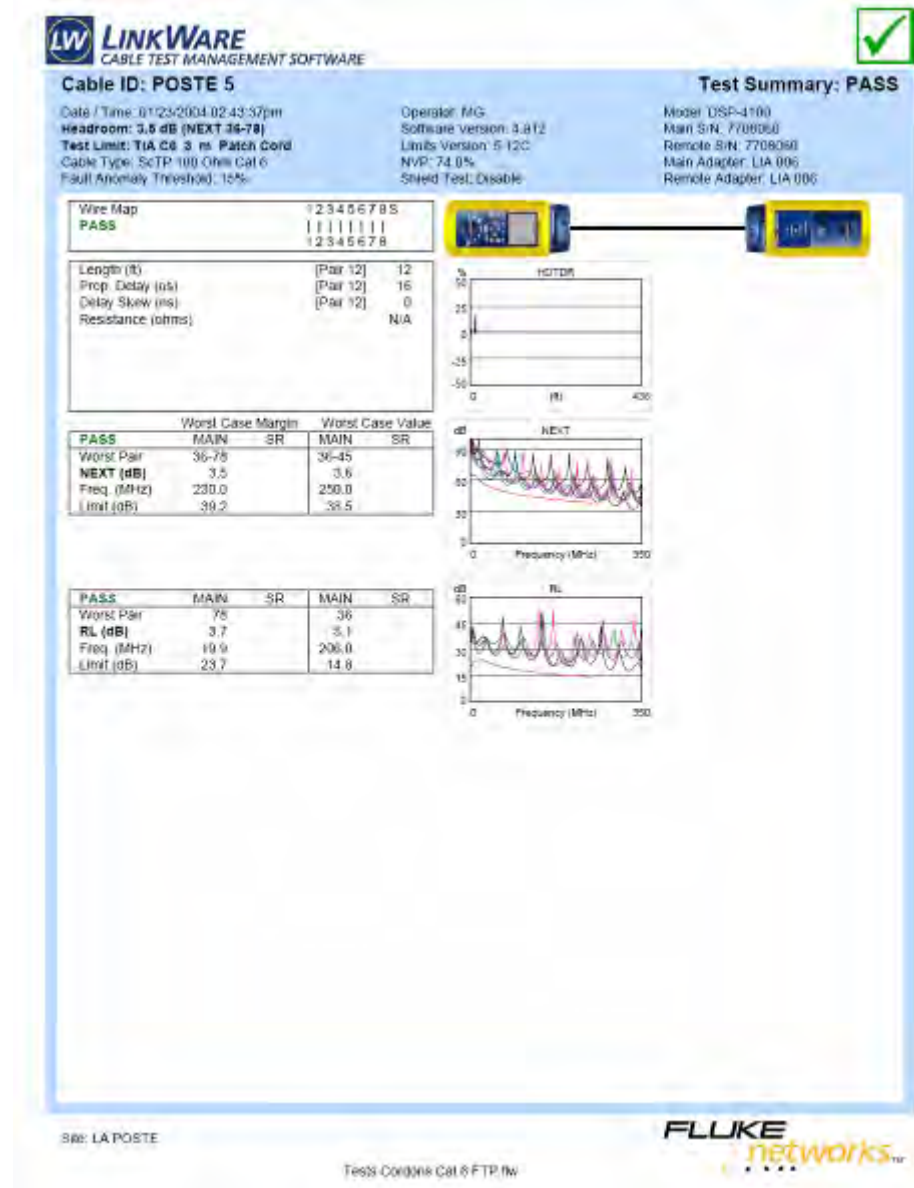


After PatchSee



Quality:

- ∅ EIA/TIA and ISO/IEC
- ∅ Each patch cord is tested and its report is saved onto a database.
- ∅ 25 years Guarantee
- ∅ Interoperability with all cabling systems



Light Injectors :

- ü PRO-PatchLight
 - ü 5 LED technology
 - ü batteries and charger unit
 - ü flashing mode
 - ü 2 standard light colors : red and white
- ü PatchLight
 - ü battery operated
 - ü 3 standard light colors



BasicPatch

Category 5e UTP and FTP RJ45 Patch Cords



THE STANDARD FOR YOUR
10 - 100 or 1000 MBIT/s APPLICATIONS

Category 6 RJ45 patch cords with optical fibre

available unshielded (UTP) and foil shielded (FTP) 100 Ohms 6 lengths from 0.6 m to 4.9 m

Feet	2	4	5	7	10	16
m	0.6	1.2	1.5	2.1	3.1	4.9

black PVC sheath

part number and length printed on the boot

compatible with color coded PatchClips for the first level of identification

A reliable patch cord for all networks :

conforms to EIA/TIA 568-B2.2-1 category 5e
quality control :

- ~ 100% testing of electrical and optical properties
- ~ each patch cord identified by a unique serial number

Product part numbers and packaging :

U/x for category 5e UTP RJ45 patch cord, where x is the length in feet

F/x for category 5e FTP RJ45 patch cord, where x is the length in feet

Packaging : plastic bags of 12 cables

product focus



5 lengths available



PatchSee,
"Intelligent patch cord"

Class6Patch

Category 6 UTP and FTP RJ45 Patch Cords



**COMBINATION OF PERFORMANCE
AND INNOVATION**

Category 6 RJ45 patch cords with optical fiber identification

available unshielded (UTP) and foil shielded (FTP) 100 Ohms 6 lengths from 0.6 m to 4.9 m

Feet	2	4	5	7	10	16
m	0.6	1.2	1.5	2.1	3.1	4.9

black sheath

grey boot to distinguish it from black booted

part number and length printed on the boot

compatible with color coded PatchClips for the first level of identification

A reliable patch cord for all networks :

conforms to EIA/TIA 568-B2.2-1 category 6

25 year guarantee for use in category 6 channels interoperable with any cabling system

quality control :

~ 100% testing of electrical and optical properties

~ test results saved onto a database

~ each patch cord identified by a unique serial number

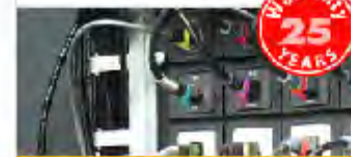
plastic cross web unshielded (UTP) and individually foil shielded pairs (FTP)

PVC sheath for UTP cables and zero halogen (LSOH) sheath for FTP cables

product focus



11 Lengths available



**PatchSee,
intelligent patch cord**

PCI6Patch

Category 6a UTP and FTP RJ45 patch cords for 10 Gbits/s and high density panel applications



THE SOLUTION TO STAY
AHEAD OF TIME

PatchSee Connector Insert technology

- slim line boot to align with the edges of the RJ45 plug for high density panels
- 10 Gbit/s standard compliance for category 6a
- Stainless steel fitted spring for bending radius protection

Category 6a RJ45 patch cords with optical fibre identification

- available unshielded (UTP) and foil shielded (FTP) 100 Ohms
- 11 lengths from 0.6 m to 4.9 m

Feet	2	3	4	5	6	7	8	9	10	13	16
m	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.1	4	4.9

- black boot
- part number and length printed on the boot
- compatible with color coded PatchClips for the first level of identification

product focus



11 lengths available



PatchSee,
intelligent patch cord

PhonePatch

2 pair RJ45 patch cords for telephony



**BENEFIT FROM THE LIGHT IDENTIFICATION
ON YOUR AUTOCOMS**

Connecting telephones

takes 4 times less space in junction boxes, cable diameter halved two twisted pairs : 36 and 45

UTP cable

grey to distinguish it easily from PatchSee data line patch cords available in three standard lengths :

~ 2P-U/7 : 7 feet,

~ 2P-U/10 : 10 feet,

~ 2P-U/16 : 16 feet,

part number and length printed on the boot packaging : plastic bags of 12 cables

Reliable and low cost :

30% less than the price of PatchSee four pair data cables compatible with color coded PatchClips for the first level of identification

Saves space, time and cost

product focus



3 lengths available



**PatchSee,
intelligent patch cord**

Accessories

- ∅ PatchClips
 - ü 16 Colors
 - ü Protection of the tab of the RJ45 Plug
 - ü Avoids the need to manage cables of different colors



Nom Installateur & Logo

CODE COULEURS PATCHCLIP

Revenez gratuitement tous codes de couleur patchclip en téléchargement votre fiche Excel renseignez à : info@patchsee.com

SOCIÉTÉ : XXXXXXXXX

SITE : XXXXXXXXXX

ARMOIRE DE BRASSAGE :

MEETING_ROOM	NRFC	bleu clair
	TRPC	bleu foncé
Alarme	BDNF	bleu électrique
Tel Analogique	NRFC	rouge
	VRMC	vert clair
	ORPC	orange
SERVER	VRMC	vert foncé
	TRPC	bleu
VLANT	GRPC	gris moyen
	SRPC	bleu foncé
PRINTER	NRFC	noir
VLANT	LRPC	jaune
	VRPC	vert moyen
	TRPC	bleu foncé
	VRPC	vert
Tel Numérique	RLPC	blanc

Rqt. **PatchCard** :

Revenez **PatchSee** :

Contact :

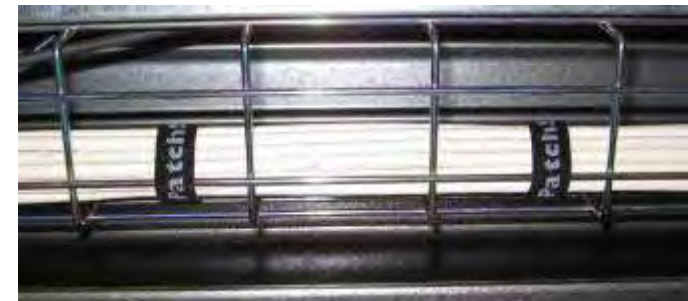
Tel. :

e-mail :

PatchSee - Porte du Grand Lyon, 21703 NEYRON France
www.patchsee.com

Ø PatchGrip Hook&Loop cable ties

- ü No scissors or cutters required - the ties can be cut off by hand
- ü Does not stress or damage the sheaths, maintaining the performance of your network
- ü Eases troubleshooting operations
- ü Can be re-used indefinitely
- ü Easily adjustable length
- ü Specially designed for strong adhesion



PatchClip

Color Coding using removable clips



**THE FIRST LEVEL
OF IDENTIFICATION**

The most flexible and economic way of color coding network cables

16 colors for comprehensive identification of network cables or geographical areas

first level of visual identification

the removable clips make it quick and easy to change the color code of a patch cord

protects the tab on the RJ45 plug facilitates the gripping of the RJ45 in environments with narrow access

Reduces stocks :

the PatchClip system avoids the need to manage cables of different colors AND lengths.

Product description :

packaging : blister pack of 50 clips of the same color

16 standard colors compatible with all cables in the PatchSee range

PatchClip part number : CC/PC (CC = color)

product focus



16 colours available



PRO-PatchLight

Professional Light Injector



A tool for professionals, always ready for use

3 times greater light intensity

UTP cable

5 LED technology for 8 hours on a single charge (10,000 hour lifetime)

always available on charge even if the battery is discharged

Designed for easy identification in all circumstances

30 cm of cable between the body and the LED remote light injector of the PROPatchLight to facilitate the reach of cables connected onto tight panels, under a desk etc..

Equipped with clamp and cord for holding the PRO-PatchLight in enclosures and desks while identifying cables

On / Off LED indicator

Product description

2 standard light colors : red and white

battery operated : 3 x 1.2 V type AA

supplied with protective bag, batteries and charger unit 110-220 V, 50-60 Hz (European, UK and USA connectors)

Individually packaged

Part N° : RO/PRO-PL | BL/PRO-PL

product focus



PatchLight

Pro-PatchLight



Two products for a light identification



DirectPatch

Big Lengths RJ45 Cables
10 Gigabit/s applications - UTP or FTP



THE SOLUTION FOR DATA CENTERS

Data Centers

Direct links between servers and computers (**flexibility**)
Instant identification of strategic links
Thanks to our identification solution which combines **rapidity and security**, you will increase the **availability of your equipment and services** Small profile connector so as to :
adapt to highly congested ports (switches, servers...)
increase the density of ports per rack
Color coding PatchClip in order to :

visually differentiate your servers, your networks, racks or applications (citrix, web etc...)

ease the access to RJ45 connectors in highly congested environments
protect the locking latch of the RJ45 during manipulations

Compatible with all IT equipment

Marking of the reference and length on the boot
8 lengths from 6.1 m to 30 m as standard, up to 50 m on specific request

Feet	20	26	32	40	50	66	82	100
m	6.1	7.9	9.7	12.2	15.2	20	25	30

product focus



8 lengths available



**PatchSee,
intelligent patch cord**

PatchGrip

Hook and loop type cable ties



Attach your distribution network cables and RJ45 cables easily and effectively :

- does not stress or damage the sheaths, maintaining the performance of your network
- makes it easier to carry out maintenance in your enclosures, boxes, trunking, etc
- can be re-used indefinitely
- makes it easy to add cables or patch cords to extend the network

Save time with ties that are perforated every 150 mm :

- no scissors or cutters required - the ties can be cut off by hand
- easily adjustable length : assemble several ties together or cut to the length required without losing any grip resistance
- always available to hand in the 50 tie dispenser : 7.5 m

Specially designed for strong adhesion

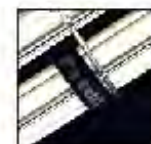
Makes it easier to install cables

- conforms to ANSIA/TIA/EIA-606A
- essential for category 6 / category 6A 1 Giga et 10 Gigabit/s applications as well as for category 5e applications and all your other cables and patch cords

product focus



7.5m roll in a box



Cost Justification

- ∅ **BE QUICK AND CONFIDENT DURING TROUBLESHOOTING.** Our customer's studies show that 5 minutes downtime costs \$2,175 for 35% of our clients, whereas it costs up to \$7,250 for another 10% of the companies. During critical times like this, it is essential to be efficient, work with self-confidence and reduce the cost of work by gaining on time when it comes to tracing cables (i.e., tracing cables that run under the floor or identifying the right port which is connected to the outlet).

- ∅ **IMPROVE RELIABILITY WITHOUT ANY ADDITIONAL COSTS.** Because disconnecting the wrong patch cord is detrimental and can cause some degradation, it is a real added value to be assisted by a simple technology which is based on an infallible identification of the cables. The light identification technology is easy to implement and our products are compatible with all structured cabling systems and active equipment. There is no over cost besides other manufacturer's cabling system solutions and it generates a return on investment.

- ∅ **ROI < 12 MONTHS**

FIND OUT MORE ABOUT PATCHSEE

KEY FIGURES

- Patchsee Optical Technology invented and distributed since 2001
- **Over 4 million cables** using Patchsee Optical Technology sold throughout the world
- **Present in all major markets**
- Export logistics: distribution in over 40 countries
- 10 Gigabyte transmission quality guaranteed
- Extensive 25 year guarantee
- 200,000 cables available in stock

PATCHSEE COMPANY

Inventor and manufacturer of the world's first RJ45 cable to use fiber optic technology for tracing purposes

Extensive work with network professionals inspired PatchSee to invent the world's first cable integrating fiber optic technology (patented internationally) for maintenance and management purposes. The worldwide success of the PatchSee Optical Technology concept is also the result of its rigorous quality control, respect for international standards and specifications as well as product availability.

Today, some of the world's leading data centers trust PatchSee for their network connections, in sectors ranging from telecommunications to industry, banking, and tertiary services.

More than 3 Millions patch cords installed..

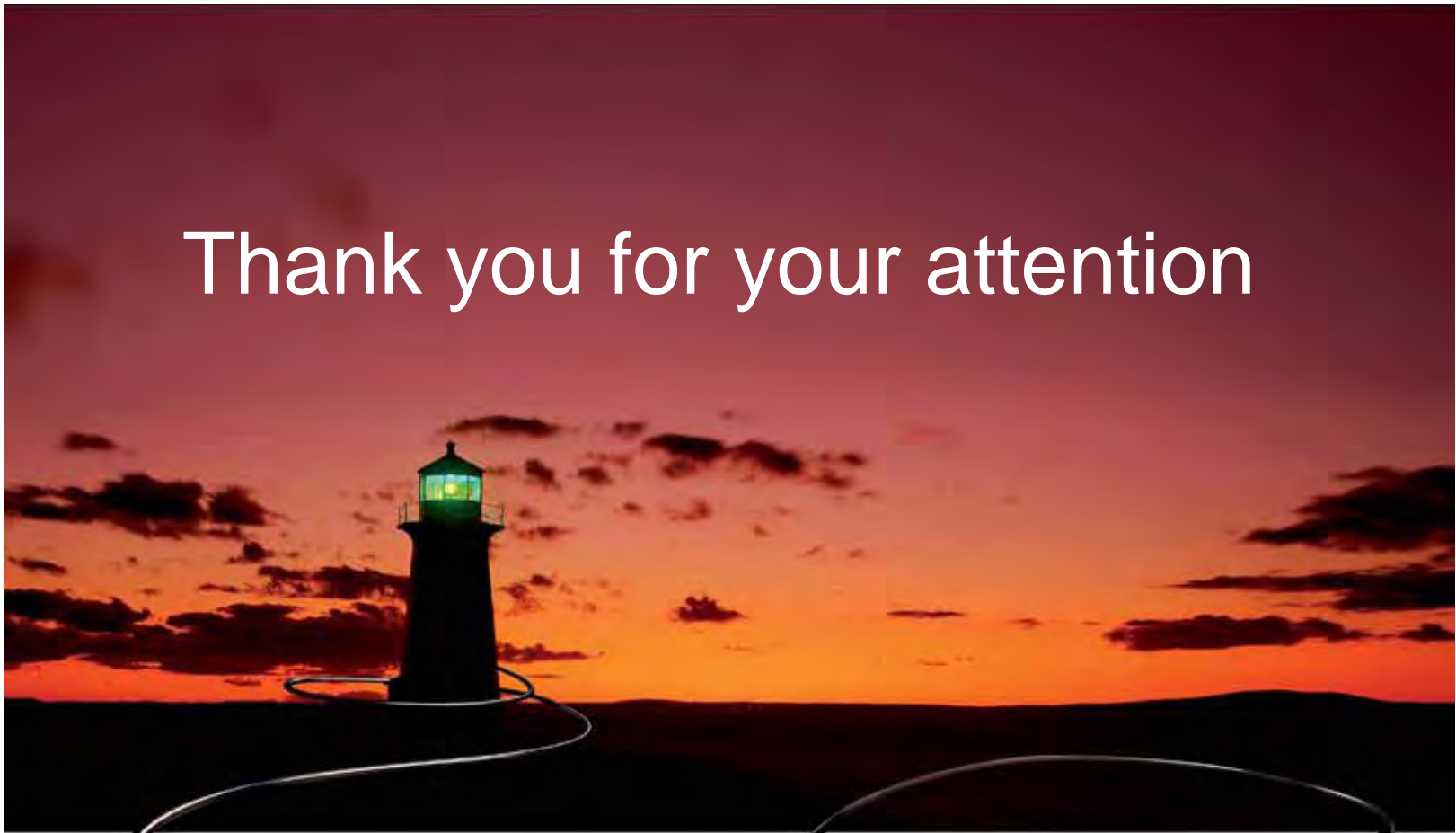


and lots more....

The average length for 1 patch cord RJ45 is : 3 meters

So : 3 Million x 3 meters x 2 = 18 Millions meters of POF were sold

Thank you for your attention



The reliable link of your network

