

Legrand cabling system LCS²

standard and certification

Flush-mounting Ethernet 10/100 base T switches

	0 779 00	0 779 01
Power supply	230 V	PoE
Speed	100 Mbps	
Standards	802.3 / 802.3u	802.3u 802.3 af
Common technical characteristics	<ul style="list-style-type: none"> Operating temperature: from 0°C to +40°C Max. humidity level permissible: 95 % Auto MDI-X (takes crossed and straight cords) Orange LED: - on: speed of 100 Mbps - off: speed 10 Mbps Green LED on traffic 	

Mosaic Wi-Fi access points

An 802.11 a and b/g/n solution

Radio communication standard	802.11 b/g	802.11 a	802.11 b/g/n or 802.11 a/n
Power supply standard Power over Ethernet	802.3 af		
Frequency band	between 2.40 and 2.48 GHz	5 GHz	2.4 GHz or 5 GHz
Number of available channels	13	8	40 MHz or 20 MHz
Max. gross speed	54 Mbps	54 Mbps	300 Mbps

Benefits of a Legrand Wi-Fi access point

- Possibility of simultaneous operation on 2 frequencies, a and b/g
- New products: invited access: used to allocate a network dedicated to visitors
- Provides a max. gross speed of up to 2 x 54 Mbps in simultaneous mode
- Very high security level: WPA2 encryption (802.11i) and authentication (802.1x)
- Possibility of roaming (moving from one access point to another without breaking the link)
- Quality of service (priority automatically given to voice, then video and finally data)
- Easy to configure and make secure: using the CD supplied with the access point

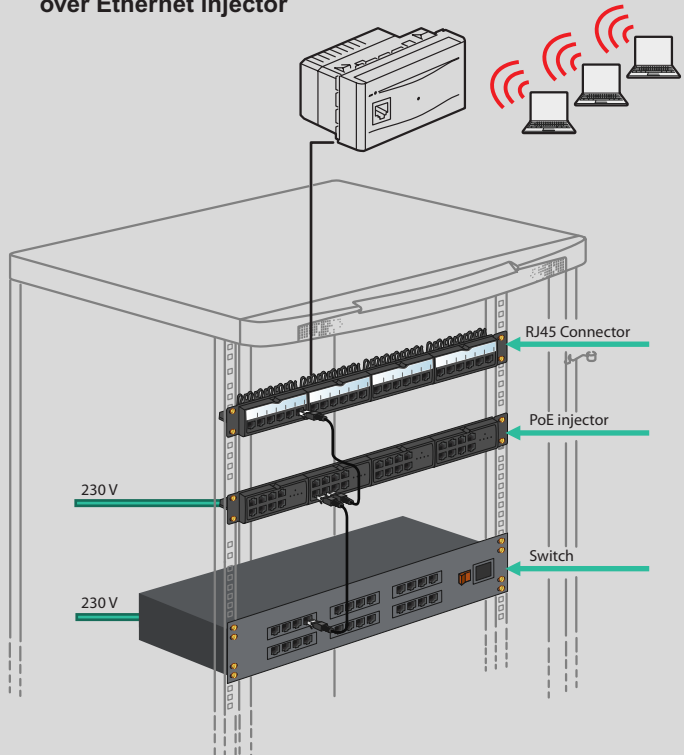
Installation

In all supports able to take a Mosaic mechanism (trunking, columns, flush-mounting boxes, floor boxes, etc.)
Do not place access points behind anything that could limit the antenna's range
Access points are connected tool-free via an RJ 45 connector

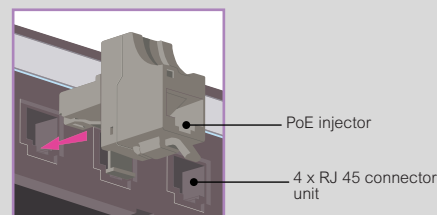
Sizing

- provide 1 access point for 1 localised requirement (in entrance hall)
- provide 1 access point per 100 m² for overall coverage and a maximum gross speed
- provide 1 access point with an RJ 45 socket for a desk used by visitors

Installation principle for a Wi-Fi access point with Power over Ethernet injector

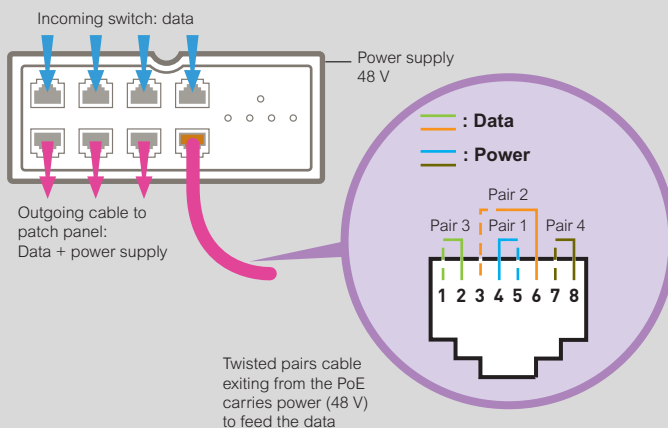


Particular case of the 1 port PoE: Clips directly onto a port on any patch panel
A single cord is necessary to connect it to a port on the switch



Operation of PoE injector

A PoE injector has one input and one output per access point to be supplied



Legrand services

The Relations Pro⁽¹⁾ service will work with you and guide you in setting up your VDI sites:
- help with sizing the installation
- on-site assistance for integrating products and making important installations secure
Advisors are also available to answer all your technical questions

1 : 0810 48 48 48 (local call rate) Monday to Friday 0800 to 1800