

## 2N 2Wire Set of Two Convertors (9159014)



Product Name: 2N 2Wire Set of Two Convertors (9159014)

Manufacturer: 2N Telecommunications

Model Number: 9159014UK

### 2N 2Wire Set of Two Convertors (9159014)

The 2N 9159014 is a set of two convertors that allows you to connect any IP device installed at a location with no IP infrastructure to your network. You connect the two convertors via the existing analogue distribution mains from the original doorbell or intercom and then connect your IP device to one of these, e.g. an IP intercom, and connect the other to a switch. The advantage is that you don't have to configure anything. In addition, you only need one analogue cable for the transmission of audio, video and to supply power. 2N 9159014 Key Features

- Ethernet including PoE over 2 wires
- Long reach
- Robust aluminium housing
- Reliability
- Power supply
- Easy installation
- Universal ethernet 'extension'
- Utilise existing cabling
- Screw-in connectors

**Ethernet including PoE over 2 wires** Connect any IP device using a two-wire or coaxial cable, even in an analogue environment, or a site with limited IP infrastructure.

**Long reach** Powering the IP-connected devices via PoE is possible up to a distance of 220m, twice the maximum Ethernet specification cable length.

**Robust aluminium housing** Thanks to its aluminium housing the 2N 2Wire converter is rugged and resistant to mechanical damage.

**Reliability** The converter will not let you down. It is significantly more reliable, in comparison with alternatives, such as a WiFi connection.

**Power supply** Included is an adapter with a selectable US/UK/EU plug.

**Easy installation** No more configuring! At each end of the cable you just plug in one 2N 2Wire unit and connect at least one of them to a power source.

**Universal ethernet 'extension'** With 2N 2Wire you'll get Ethernet even in places with no IP network. You can hook up any IP devices, e.g. 2N IP intercoms.

**Utilise existing cabling** 2N 2Wire enables you to make use of existing wiring. You won't have to lay new cables or do construction work.

**Screw-in connectors** 2N 2Wire uses high-quality connectors, which prevents cables from falling out, giving you even more reliability.

### 2N 9159014 Technical Specification

#### Ethernet Interface

• Connector type: RJ45

• Speed: 10/100 Base T, half-duplex / full-duplex, auto-negotiation

• IEEE 802.3af/at 40 W, PoE+ compatible

#### Extension cable interface (2-wire/UTP)

• Cable type: 2-wire, Cat 5e, Cat 6 or similar

• Impedance: 25  $\Omega$  to 100  $\Omega$ ;

• Transfer range: max. 220 m (720 ft) with Cat 6

#### Transfer method

## 2N 2Wire Set of Two Convertors (9159014)

• Access method: CSMA/CA and TDMA  
• Modulation method: Windowed OFDM  
• Frequency band: 1.8 MHz to 30 MHz

LED indicator lights

• Power supply: Blue &ndash; power on  
• BNC: Green &ndash; connection on  
• PoE: Green &ndash; connection on

Electrical power supply

• AC input: 100~240 VAC, 50~60 Hz  
• DC output: 48 VDC / 0.84 A~1.3 A  
• Characteristics:  $U_{in} \leq 1,1V$  (L),  $U_{in} \geq 3V$  (H), max.  $U_{in} = 32V$

Mechanical properties

• Dimensions: 1.57 x 1.57 x 2.95 in, 40 x 40 x 75 mm (h x w x d)  
• Weight: 120g (4.2 oz)  
• Material: Extruded aluminium  
• Operating temperature: 14 to 122&deg;F (-10 to +50&deg;C)  
• Storage temperature: -22 to 158&deg;F (-30 to +70&deg;C)

**Price: Â£273.40**