



IP ETHERNET EXTENDER MODULE JCE-225/260

PRODUCT CODE 51872 51873, CE553

FEATURES

- Pair of full-duplex high speed Ethernet data signal over 2Wire cable
- Extends data signal 10/100 Base T up to 350m
- Anti-Vibration terminal block feature for harsh installation sites
- IEEE 802.3 af/at compliant PoE
- Easy configuration, no IP address or network setup required
- LED indicators for installation - power, link and data traffic status
- Compact size
- Can be sold individually
- Powers up to 4 devices (contact Jacques for options)

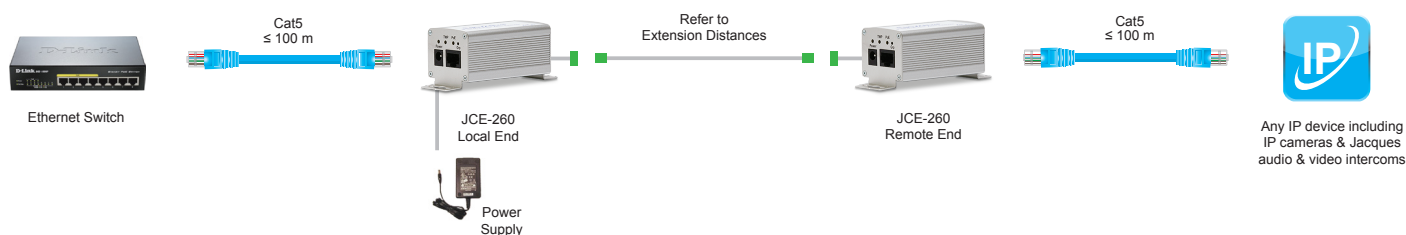
PACKAGE CONTENTS

- Pair of IP Ethernet Extender Modules JCE-225/260
- Power supply unit 25 W (51872), 60 W (51873)

SPECIFICATIONS

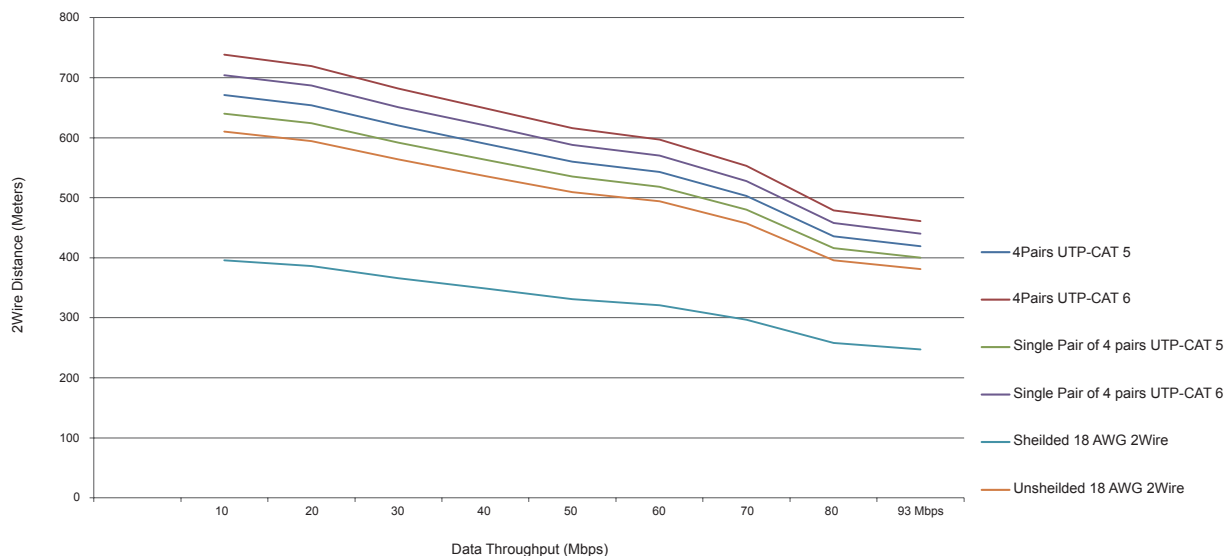
Housing	Extruded Aluminium
Power Requirements	48 VDC / 1.3A
Ethernet Interface	Connector Type : RJ45 Speed: 10/100 Base T, half/full duplex, auto-negotiation IEE 802.3 af/at compliant PoE
2Wire Terminal Block Interface	Connector Type: 18 AWG 2Wire, Cat 5, Cat 6 Impedance: 25 to 100 Ω Transmit Coverage: 1,000 feet (305m) @ 4 pair Cat 6 cable
Transmission Method	Access method : CSMA / CA and TDMA Modulation method : Windowed OFDM Frequency band : 1.8 MHz to 30 MHz
Power Input	48 V d.c., (0.52 - 1.2) A Centre Positive Barrel Plug, 5.5mm Outer, 2.1 mm Inner
Weight	120 g
Dimensions (W x H x D)	102 mm x 43 mm x 40 mm
LED Indicators	Power : Blue - Power ON TWP : Green - Link ON PoE : Green - Link ON
Operating Temperature	-10° C to +50° C
Compliance	CE, Complies with FCC part 15B limits, ✓ RoHS

TYPICAL APPLICATION DIAGRAM

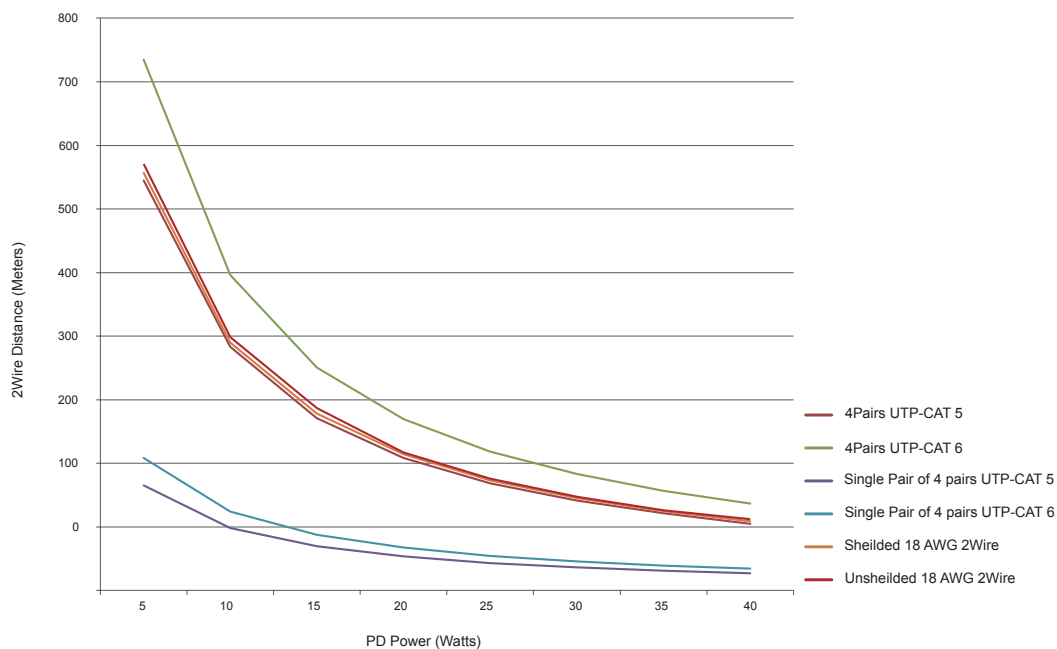


EXTENSION DISTANCES

DISTANCE & DATA THROUGHPUT CHART



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JACQUES PRODUCTS DISTANCE SUMMARY

The following are recommended extension distances for Jacques typical endpoints.

- 220 m 4 pair Cat 6 (Audio Intercom, Video Intercom)
- 200 m 4 pair Cat 5 (Audio Intercom, Video Intercom)
- 175 m 1 pair Cat 5 (Audio Intercom), 130 m 1 pair Cat 5 (Video Intercom)
- 250 m Unshielded 18AWG 2Wire (Video Intercom)
- 350 m Unshielded 18AWG 2Wire (Audio Intercom)