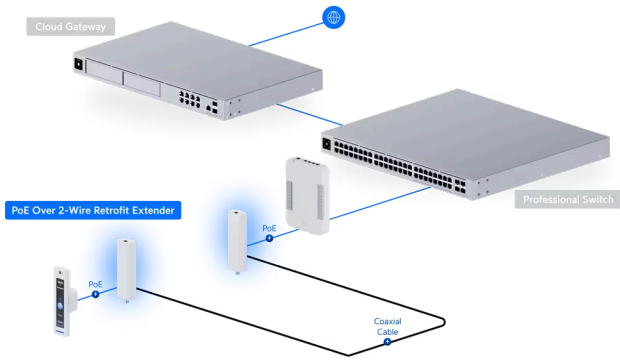


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PoE & Power > PoE Over 2-Wire Retrofit Extender

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## Mechanical

<b>Dimensions</b>	PoE in/out: 40 x 105 x 25 mm (1.6 x 4.1 x 1") Adapter: 43.5 x 138 x 30 mm (1.7 x 5.4 x 1.2")
<b>Weight</b>	PoE in: 77 g (2.7 oz) PoE out: 79 g (2.8 oz) Adapter: 140 g (4.9 oz)
<b>Enclosure material</b>	Polycarbonate
<b>Mounting material</b>	Polycarbonate

## Hardware

<b>Networking interface</b>	(1) 10/100 MbE (1) Homeplug AV
<b>Power method</b>	PoE++
<b>PoE input</b>	(1) PoE++, 50V DC, 1.2A
<b>PoE output</b>	(1) PoE+, 48V DC, 0.6A
<b>Max. power consumption</b>	3W (Without PoE output)
<b>ESD/EMP protection</b>	Air: ±8kV, contact: ±4kV

**Recommend max. cable length**

UTP 24AWG 0.18ohm/meter

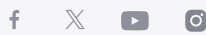
RG-6, 0.14ohm/meter

Cable length	Bandwidth (Mbps)	Max output (W)	Bandwidth (Mbps)	Max output (W)
50 m	85	25	85	25
100 m	85	13	85	20
150 m	85	9	85	13
200 m	85	6	85	9
250 m	80	4	85	7
300 m	75	3	85	6
350 m	70	0	85	4
400 m	65	0	82	3
450 m	60	0	80	0
500 m	55	0	75	0
550 m	50	0	70	0
600 m	—	—	65	0
650 m	—	—	60	0
700 m	—	—	55	0
750 m	—	—	50	0

<b>LED</b>	White
<b>Ambient operating temperature</b>	-10 to 40° C (14 to 104° F)
<b>Ambient operating humidity</b>	5 to 90% noncondensing
<b>Certifications</b>	CE, FCC, IC

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