

DATASHEET

POC252-1CXP-1T

1-Port IP over Coax Extender with PoE-AT (switch end)

MAIN FEATURES

- 1-Port IP over Coax Extender with PoE-AT (switch end)



TECHNICAL SPECIFICATIONS

Power supply

Power supply type	52 to 56 VDC
Power consumption	Max. 34 W (Full PoE load)
PoE power budget	30.8 W (via PoE-at switch) 36 W (via PSU)
Redundant power	No
PoE Power Supply Type	End-span
PoE Power Output Via Coax Port	Max. 30.8 W (via PoE Switch) 36 W (via PSU)
Power Pin Assignment (RJ45)	1/2(+), 3/6(-)
Power Pin Assignment (COAX)	BNC center pole : DC+ / Hi, BNC shield : DC - / Lo

Inputs / outputs

Fault relay output	No
PoE+ output	200 m
PoE output	600 m

Physical characteristics

Physical dimensions	94 x 70 x 26 mm
Net weight	375 g
Colour	Black
Mounting type	Wall mount

Environmental characteristics

Operating temperature	-10 to +60°C
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TECHNICAL SPECIFICATIONS

Storage temperature	-40 to 75°C
Relative humidity	0 to 95% noncondensing

Other characteristics

Technology	IEEE1901
Compatible with MCR rack	No
Coax ports	1
Connector	BNC
RJ45 ports	1
Port type	10/100
PoE/PoE+	PoE-at (Power over Coax)
Regulatory Standards	FCC Part 15 Class A, CE
IEEE Standards	IEEE 802.3 Ethernet
Port Configuration	Auto MDI/MDI-X
Port Speed	Auto-negotiate
PoE Standard	IEEE 802.3af / 802.3at PoE
Cabling	Coaxial cable: 75 ohm, RG-6/U cable (Improved performance)
Ethernet Communication Standard	IEEE1901
Modulation Type	Wavelet-OFDM
Security	128-bit AES encryption
Frequency Band	2 to 28 MHz
20 m	93 / 93 Mbps
400 m	93 / 92 Mbps
600 m	92 / 88 Mbps
800 m	83 / 75 Mbps
1000 m	74 / 55 Mbps
200 m	29 W (5 VDC in) 16.9 W (PoE+ in)
* Based on RG-59 Bare Copper cable	: Data rate and power performance is subject to the quality of cable used and environmental factors.
Without PoE (Data only)	1, 200 m