

## G4202TCP-RPF

### Long Reach PoE over Coaxial/UTP Extender with Coaxial/UTP Power Injector



Model		G4202TCP-RPF
Hardware Specifications		
Input Power		USB Type-C, PD3.0, 5V~20V, 1A~5A The G.hn port acts as PoE/PoE+/PoE++ PD power input only when no external power supply is connected
Ethernet Interface	Copper	2×10/100/1000Base-TX RJ45 auto-negotiation auto-MDI/MDIX
	Power over Ethernet Standard	IEEE 802.3af/at PoE PSE(Power Source Equipment)
	PoE Output	54VDC, 600mA max
	PoE Budget	Up to 30W
	PoE Mode	RJ45 Pin 1/2(+),3/6(-)
	Data Rate	10/100/1000Mbps
	Cabling	Cat5e or above
	Maximum Distance	100 meters
Long Reach PoE Interface	Connectivity	1×RJ45 connector (Long Reach PoE over 1/2/4 twisted-pair PSE/PD), SISO 2-200MHz or MIMO 2-100MHz. 1×F/BNC female connector (Long Reach PoE over coaxial PSE/PD), SISO 2-200MHz
	Power Input/Output	The G.hn port acts as RPF PSE power output when USB Type C power supply is connected. Output: 55VDC in RPF mode, PoE+ Input: 37~56VDC in PoX PD mode, PoE++
	Power Pin Assignment	UTP: RJ45 Pin 1,2,3,4: DC+ RJ45 Pin 5,6,7,8: DC-  Coaxial

# GIGA COPPER NETWORKS

		F/BNC center pole: DC- F/BNC shield: DC+
	Cabling	Twisted-Pair: 2 wire bundled telephone line 4 wire ISDN bundled telephone line Cat.3,4,5,5e UTP cable EIA/TIA-568 100-ohm STP  Coaxial: Coaxial cable: 75ohm
	Maximum Distance	Depends on cable type
	Security	128-bit AES encryption
	Encryption	AES 128-bit
LED Indicators		PWR: power status Line: Cable link status LNK/ACT: Ethernet link status
Button		Press more than 10s, factory to default configuration
Enclosure		Hardened aluminum case,IP30
Installation		Wall mount or DIN rail with optional kit or desktop
Dimensions(WxDxH)		32 x 78 x 103 mm
Weight		360g
Standards Conformance		
Standards Compliance		IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-T Fast Ethernet IEEE 802.3z 1000Base-T Fast Ethernet IEEE 802.3af Power over Ethernet(802.3at Type1) IEEE 802.3at Power over Ethernet(802.3at Type2)
Environment		
Temperature		Operation: -10~45 degree C Storage: -40~85 degree C
Humidity		Operating: 10~90%(non-condensing) Storage: 5~95%(non-condensing)
G.hn performances & Specification		
Line Modulation Way		OFDM(Orthogonal Frequency Division Multiplexing)
G.hn Specification		2 ~ 200 MHz for Baseband Power Mask Notching Dynamic PSD NDIM(Neighbor Domain Interface Mitigation) Radio Band Notching function NEXT(Near End Crosstalk) Mitigation