

VDSL2 Ethernet Extender Kit over Single Pair Wire, Up to 0.6mi (1km) Long Range LAN Repeater over Phone Line/CAT5e/CAT6, Up to 300Mbps, Replacement for 110VDSLEXT - TAA

Produkt-ID: VDSL-LAN-EXTENDER-1G



Extend a network over VDSL2, using Cat5e (or better) UTP Cabling or Single-Pair (or better) Telephone Wire at distances up to 0.6mi (1km).

Extend a network over VDSL2 using UTP, CAT5e/6 or RJ11 cabling over distances up to 0.6mi (1km). Speeds of up to 300 Mbps (aggregated) are available at shorter distances. Supports VDSL2 35b/30a/17a and features ITU-T G.993.5 G.Vectoring and G.INP technologies.

The installation can be customized by using DIP switches. Choose between Master or Remote mode, Symmetric or Asymmetric mode, G.INP or Interleave mode, and fine-tune SNR with High and Low options for optimal performance. The Gigabit Ethernet Extender has LEDs that provide a visual indication of network status, including LAN speed, link status, power, and remote/master mode, allowing IT administrators to monitor and assess network connectivity.

The Long-Range LAN Extender can be mounted on a wall, using the included hardware, or installed on a shelf or other surface. The kit includes two power adapters, one for each VDSL Extender. The extender works with third-party VDSL2 IP DSLAMs in CPE (RT) mode and extends the network for applications such as remote office or branch locations or IP-based video solutions. The 802.1Q VLAN tag transparency preserves VLAN-tagged traffic across the extension.

Zertifikate Berichte und Kompatibilität





Anwendungen

- Establish reliable data connections for a variety of applications, including process monitoring, control systems, and automation
- Extend the reach of VDSL2 for IP-based video surveillance systems
- Connect remote offices or branch locations to the main office infrastructure

Merkmale

- **VDSL2 EXTENDER:** Extend a network over VDSL2, using UTP/single pair wire, CAT5e/6, or phone line cabling; Up to 0.6mi (1km); Up to 300Mbps (aggregated) at shorter distances; Supports VDSL2 35b/30a/17a, ITU-T G.993.5 G.Vectoring, and G.998.4 G.INP standards
- **8 PROFILE CONFIGURATIONS:** Customize the installation with DIP switch selectable settings; Choose between Master or Remote mode, Symmetric or Asymmetric mode, G.INP or Interleave mode, and fine-tune SNR with High and Low options for optimal performance
- **INTUITIVE INDICATORS:** Gigabit Ethernet Extender features four LEDs that provide a visual indication of network status, including LAN speed, link status, power, and remote/master mode, allowing IT administrators to monitor and assess network connectivity
- **VERSATILE MOUNTING OPTIONS:** TAA-compliant Long Range LAN Booster can be mounted on a wall using the included mounting hardware, or placed on a shelf or other surface; Includes two power adapters, one for each VDSL Extender unit
- **APPLICATIONS:** Works with third-party VDSL2 IP DSLAMs in CPE (RT) mode; Extends a network to remote areas, supporting applications such as video surveillance/digital signage; 802.1Q VLAN tag transparency preserves VLAN-tagged traffic across the extension

Hardware

Garantiebestimmungen 2 Years

Ports 1

Kabel Cat5e UTP oder höher

Einbaufähig Nein

Industrienormen IEEE 802.3

	IEEE 802.3u
	IEEE 802.3z
	IEEE 802.1Q
	VDSL2 Profiles 35b/30a/17a
	ITU-T G993.1/G993.2/993.5/G.997.1/G.998.4 (G.INP)
Chipset-ID	RTL8685FB-CG
Leistung	
Max. Datenübertragungsrate	300Mbps (150 upstream/150 downstream)
Max. Entfernung	1 km (0.6 mi)
Auto MDIX	Ja
Jumbo Frame Support	Nein
Frequenzbereich	Up to 30MHz
Allgemeine Spezifikationen	On-board Surge Protection
MTBF	50.000 Stunden
Steckverbinder	
Anschlüsse lokales Gerät	2 - RJ-45
Remote-Gerät-Anschlüsse	2 - RJ-45
Software	
Betriebssystemkompatibilität	Keine Treiber oder Software erforderlich
Spezielle Hinweise/Anforderungen	
Hinweis	Maximum distance was achieved using 26AWG UTP cabling
Anzeiger	
LED-Anzeiger	1 - Power

3 - LAN: 10/100/100Mbps

1 - Remote/Master Mode

1 - VDSL Link

Strom

Stromversorgung	2 AC-Adapter im Lieferumfang
Eingangsspannung	100 - 240 AC
Eingangsstrom	0.5
Ausgangsspannung	12V DC
Ausgangsstrom	1A
Polarität der Mittelspitze	Positiv
Steckertyp	M
Stromverbrauch	3.8W

Umgebungsbedingungen

Betriebstemperatur	0°C to 45°C (32°F to 113°F)
Lagertemperatur	-10°C to 70°C (14°F to 158°F)
Feuchtigkeit	0% ~ 95% RH (nicht kondensierend)

Physische Eigenschaften

Farbe	Schwarz
Gehäusotyp	Kunststoff
Produktlänge	3.8 in [9.7 cm]
Produktbreite	2.9 in [7.4 cm]
Produkthöhe	0.9 in [2.3 cm]
Produktgewicht	4.1 oz [116.0 g]

Verpackungsinform

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Paketmenge	1
Paketlänge	7.1 in [18.0 cm]
Paketbreite	5.9 in [15.0 cm]
Pakethöhe	5.1 in [13.0 cm]
Versandgewicht (Verpackung)	1.5 lb [0.7 kg]

Verpackungsinhalt

Im Paket enthalten	2 - VDSL Extender
	2 - Montagebügel-Sets
	2 - Stromversorgung
	1 - Kurzanleitung

Garantieinformatio
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Warranty	2 Jahre
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* Größe, Aussehen und Spezifikationen sind Änderungen ohne vorherige Ankündigung vorbehalten.