ALLNET ALL4781-VDSL2-SFP / Switch Modul (Mini-GBIC), VDSL2

EAN CODE

4 0 3 8 8 1 6 0 6 6 5 8 9

Highlights:

- Support all VDSL2 standards defined in ITU-T G.993.2, G.994.1, G.997.1.
- MSA compliant hot pluggable electrical interface / SFP-Slot
- Support G.inp (G.998.4) and G.vector (G.993.5)

ALLNET ALL4781-VDSL2-SFP is a VDSL2 SFP modem that interconnects with Gateway Processor by using a MSA (MultiSource Agreement) compliant hot pluggable electrical interface. The DSL chipset inside the VDSL2 SFP modem supports all VDSL2 profiles that defined by ITU-T G.993.2, andVDSL. Compliancy with G.994.1 and G.997.1 standards, ensures its interoperability with all existing broadband network services. Furthermore, **ALLNET ALL4781-VDSL2-SFP** also features the latest ITU standards such as G.inp (G.998.4) and G.vector (G.993.5).

As broadband access technology has evolved rapidly, Service Providers need to upgrade their broadband network service every few years. Traditionally, Service Providers have replaced the entire CPE device in order to provide subscribers with faster Internet services. Not only does it increase their CAPEX and OPEX but also wastes resources and increase inventories. Leveraging **ALLNET ALL4781-VDSL2-SFP** VDSL2 SFP series in Service Providers' product portfolio will help them significantly reduced the software porting and testing effort and shorten their product time-to-market.

ALLNET ALL4781-VDSL2-SFP VDSL2 SFP modem realizes the modulation of VDSL2 broadband access. It can be integrated with routers, switches or residential gateways that are equipped with a SFP type of WAN interface. There's no more need for Service Providers to maintain more than one type of CPE device in the field or in the warehouse, moreover, this also can give them the possibility to future upgrade. Users can upgrade to any broadband access data rate easily only by plugging in different type of WAN SFPs into the same internet box.
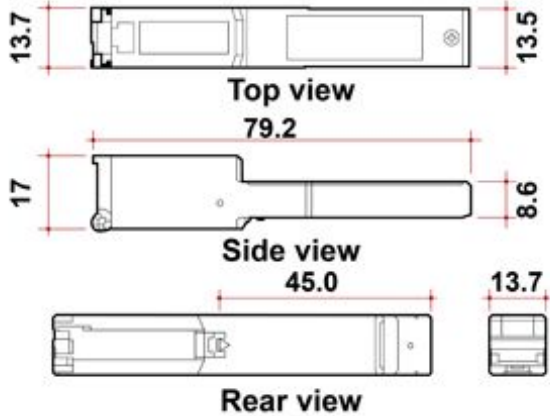
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Technical Details:

Hardware		RJ-45 female connector (Fully compatible with RJ-11 male connector)
		SERDES connect to host
		LED 1 (CO/ CPE indicator)
		LED 2 (PWR/ Link Status indicator)
Software		Self Boot & Managed by Internal Flash
		Linux driver for managed devices
Power Requirement		3.3v , 700mA
Environment	Operating Temperature	-20 ~ +75°C
	Storage Temperature	-40 ~ +85°C
	Operating Humidity	5% to 90% (non-condensed)
	Storage Humidity	5% to 95% (non-condensed)
	ESD Standards	Contact: +/-4KV Air:+/-8KV (EN 61000-4-2)
	Radiated RFI Standards	Strength:10V/m (EN 61000-4-3)
	EFT/BURST Standards	Power:2KV Signal:1KV (EN 61000-4-4)
	Surge Immunity Standards	Power:2KV Signal:1KV (EN 61000-4-5)
Marks		CE / FCC

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MECHANICAL DIMENSIONS
(Units in mm)

13.7 | 13.5

Top view

79.2

17 | 8.6

Side view

45.0 | 13.7

Rear view

Accessories

Part No.	Name
134035	ALLNET Medien Konverter Industrial 100/1000BaseT PoE "PSE" auf 1000BaseSX/LX SFP (Mini-GBIC) ALL-MCI2011P-60W HUT/DIN
102460	ALLNET Medien Konverter 10/100/1000BaseT-1000BaseSX/LX SFP (Mini-GBIC) ALL-MC104G-SFP1
124821	ALLNET Medien Konverter 10/100/1000BaseT PoE "PSE" auf 1000BaseSX/LX SFP (Mini-GBIC) ALL-MC202P-SFP
134037	ALLNET Switch industrial unmanaged 4 Port Gigabit HPoE + 2x SFP + 1x TX HUT/DIN-Rail ALL-SWI8142BP
134063	ALLNET Switch industrial unmanaged 4 Port Gigabit HPoE 60W + 2x SFP HUT/DIN-Rail ALL-SWI8142P-60W
126780	ALLNET Switch industrial unmanaged 4 Port Gigabit HPoE + 2x Combo SFP, lüfterlos, HUT/DIN/Desktop IP40 ALL-SGI8206P
139360	\ALLNET Switch industrial smart managed 8 Port Gigabit HPoE + 4x SFP, lüfterlos, HUT/DIN/Desktop IP40 ALL-SGI8210PM
124022	ALLNET Switch smart managed 8 Port Gigabit HPoE + 2x SFP Ports 8x HP PoE, lüfterlos, internes Netzteil ALL-SG8310PM
137466	ALLNET Switch full managed 8 Port Gigabit HPoE + 2 Giga Combo Ports (RJ/SFP) ALL-SG8910PM
127210	ALLNET Switch smart managed 16 Port Gigabit + 4x SFP lüfterlos, SNMP, ALL-SG8420M 19"
133577	ALLNET Switch smart managed 16 Port Gigabit PoE + 2x SFP lüfterlos, SNMP, ALL-SG8318PM 19"

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Part No.	Name
137467	ALLNET Switch full managed 16 Port Gigabit HPoE + 2 Giga Combo Ports (RJ/SFP) ALL-SG8918PM "Lüfterlos"
127211	ALLNET Switch smart managed 24 Port Gigabit + 4x SFP lüfterlos, SNMP, ALL-SG8428M 19"
123236	ALLNET Switch smart managed 24 Port Gigabit PoE, Power Budget 500Watt, 19" ALL-SG8824PM
137465	ALLNET Switch full managed 24 Port Gigabit HPoE nach 802.3af und 802.3at incl 2 Giga Combo Ports (RJ/SFP) ALL-SG8926v2PM
130253	ALLNET Switch smart managed 48 Port Gigabit + 4x SFP lüfterlos, SNMP, ALL-SG8452M 19"
112082	ALLNET Switch full managed 24 Port Gigabit PoE AT 500W + 2x SFP/SFP+ & 2x SFP+ Stack, 19" Layer2+ ALL-SG8826PMX-10G
112203	ALLNET Switch full managed 24 Port Gigabit + 2x SFP/SFP+ & 2x SFP+ Stack 19" Layer2+ ALL-SG8826MX-10G
122263	ALLNET Switch full managed 48 Port Gigabit + 2x 10G SFP+ ALL-SG8950M

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