ADSL monoblock UK adaptor

AADSL

This device allows broadband to work at the same time as your telephone service by ensuring a clean separation of data and voice signals when telephony devices are used on an ADSL line.
Without this adaptor, problems with your broadband may occur or you may experience noise on your telephone line.

Features

- Right angled UK (BT type) plug to UK (phone) + RJ11 (DSL) sockets
- Sockets on side of housing minimizes intrusion of cables into a room
- Compact and robust
- Easy to install
- As supplied to HK Telecom

Specifications

- Colour: White
- Weight: 32 grams
- Dimensions: 23mm x 56mm x 42mm
- Housing: ABS plastic
- Working temperature: -20 °C ~ 60 °C

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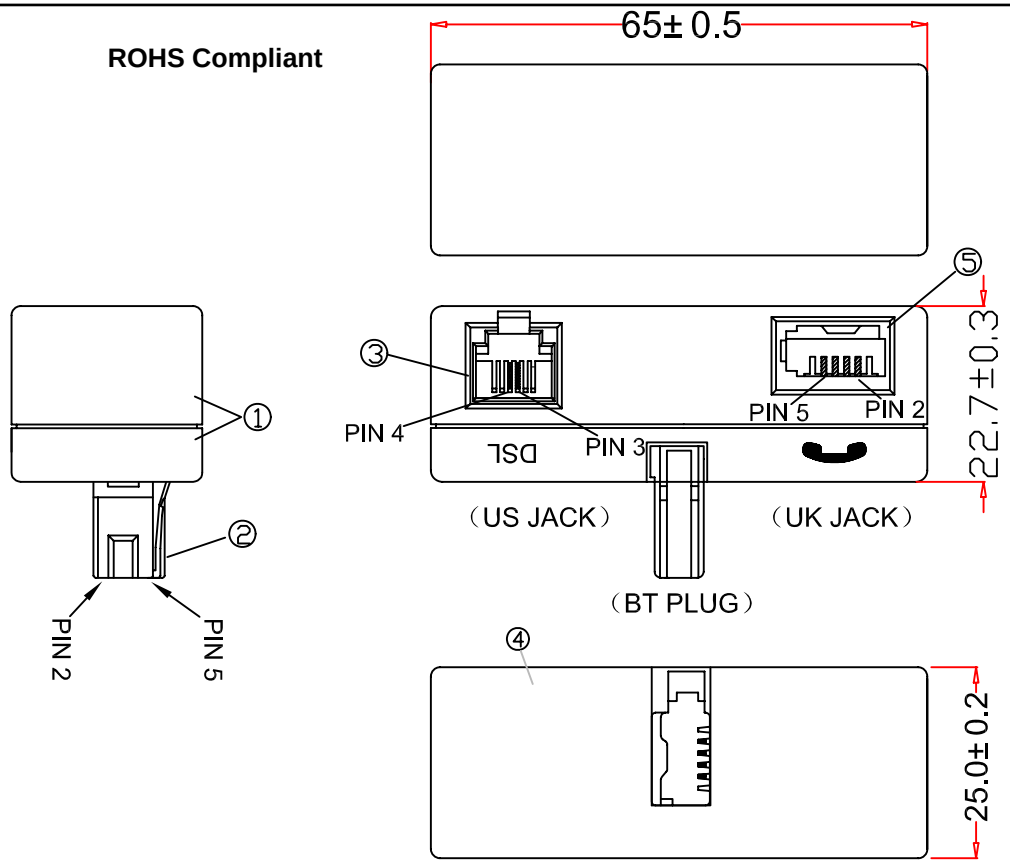
ROHS Compliant

Code:AADSL



SPECIFICATION

Right angled UK (BT type) plug to UK (phone) + RJ11 (DSL) sockets

MATERIAL

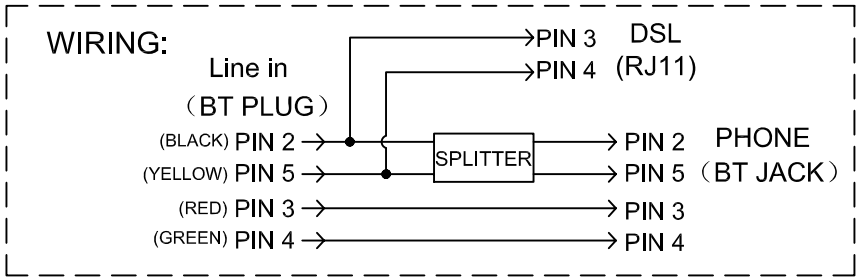
PLASTIC HOUSING: ABS
PLUG & SOCKET CONTACTS: GOLD PLATED OVER NICKEL OVER PHOSPHOR BRONZE

ELECTRICAL

GENERAL REQUIREMENT: SEE ELECTRICAL REQUIREMENT SHEET PA-P678
CONTACT RESISTANCE 35mOHMS MAX.
INSULATION RESISTANCE: 20 MEG OHMS MIN AT 100V DC.

WHITHSTAND HARSH ENVIRONMENT

ALL CONTACTS COATED WITH PROTECTION LIQUID SA-528 TO WITHSTAND HUMIDITY.
PLUG & SOCKET MATING CYCLE UP TO 1000 TIMES.
WORKING TEMPERATURE: -20ºC ~ 60ºC.
WORKING HUMIDITY: 0% ~ 90% RH.



NO	Name		Material	Specification	Qty	Remark
6.	Wire		PVC	26 AWG(7X0.16) UL1061	4	BLACK;RED;GREEN;YELLOW
5.	BT JACK		PBT	6P4C 6U" GOLD WH(BN:J1)	1	
4.	SPLITTER	Capacitor	MEF	393J/400V	1	
		Transformer	———	4.5mH	1	
		PCB	FR-4	60.8x20.8x1.0mm	1	
3.	RJ11 JACK		PBT	6P4C 6U" GOLD WH	1	
2.	UK PLUG		PC	6P4C 6U" GOLD WH	1	
1.	HOUSING		ABS	WH	2	

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ELECTRICAL REQUIREMENT SHEET
ADSL SPLITTER

Doc No.PA-P678

	ELECTRICAL REQUIREMENTS	
PARAMETERS	**RANGE**	**VALUES**
IMPEDANCE	300Hz~4000Hz	600ohm
XDSL FREQUENCY BAND ATTENUATION	25kHz~50kHz 50kHz~10MHz 10MHz~30MHz	>21dB
DC RESISTANCE	TIP TO RING INSULATION TIP TO GROUND RING TO GROUND TIP TO RING	>5Mohm >5Mohm >5Mohm <25ohm
GROUP DELAY	0.30kHz 0.60kHz~3.20kHz 3.60kHz	
DC CURRENT	CONSTANT LINE CURRENT 20mA~45mA	
LONGITUDENAL BALANCE	200Hz~1000Hz 3000Hz	>58dB >53dB
INSERTION LOSS	200Hz~4000Hz	<1dB
RETURN LOSS INTO LINE SIDE	0.30kHz 0.50kHz~2.00kHz 2.20kHz 2.60kHz 3.00kHz 3.40kHz	>14.00dB >18.00dB >17.43dB >16.29dB >15.14dB >14.00dB
RETURN LOSS INTO PHONE SIDE	0.30kHz 0.50kHz~2.00kHz 2.20kHz 2.60kHz 3.00kHz 3.40kHz	>14.00dB >18.00dB >17.43dB >16.29dB >15.14dB >14.00dB

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