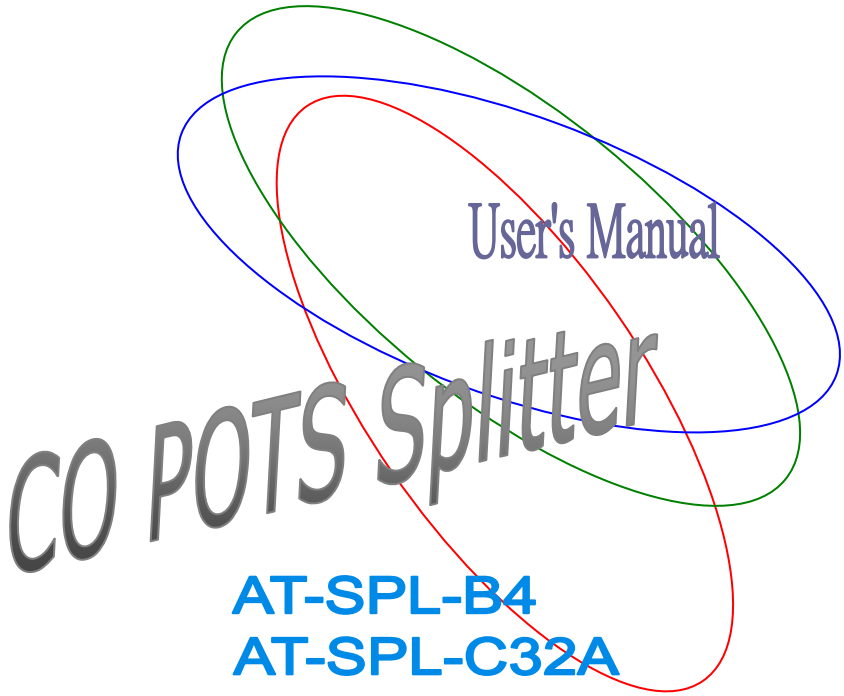

AT-SPL-B4
AT-SPL-C32A

Allied Telesis K.K.

J613-M0259-10 Rev.A 040610

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1. Introduction:

The POTS splitter rack-mount shelf is designed to mount in 19 inches equipment rack. It is suitable for use in the Building equipment rooms, Controlled Environmental Vaults (CEVs), Street-side cabinets, wall mounts, and remote Central Offices. This product can support a total capacity of 128 lines and contain 4 splitter cards which integrate 32 splitters per card.

2. Package contents:

Carefully unpack the contents of the package and verify them against the check below :

- ☑ CO POTS splitter rack–mount shelf
- ☑ User's manual
- ☑ Four Screw #12-24, 1/2 inch

Please inform your service provider immediately should there be any incorrect, missing or damaged parts.

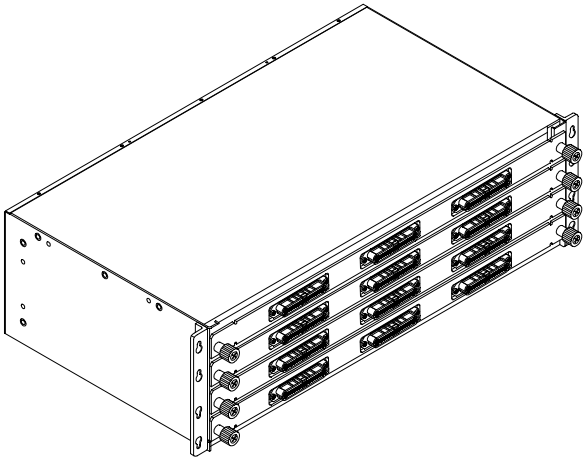
If possible retain the carton, including the original packing materials.

Use them against to repack the product in case there is a need to return it for repair.

3. General specifications:

Parameter	Criteria
Size	Width 482.24 mm(18.99 in) Height 133.0 mm(5.24 in) Depth 260.0 mm(10.24 in)
Weight	4 Kg Typ.
Physical environment Operating temperature Storage temperature Relative humidity Shock and vibration	 -40 to +65^{0}C -20 to +85^{0}C 0 to 95%, non-condensing Withstands normal shipping and handling
Line capacity per splitter card	32 Lines
Total line capacity	128 Lines

4. Product outline:

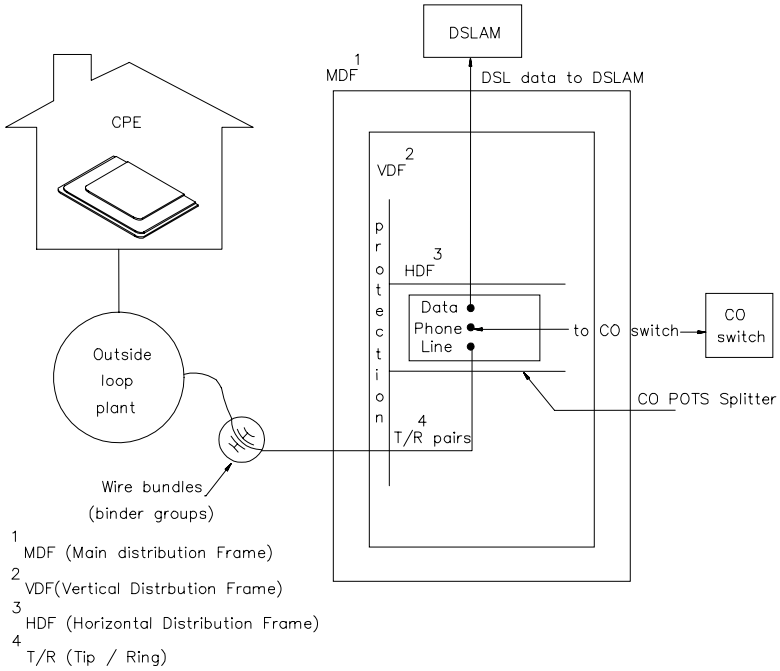


5. Deployment reference:

In a typical deployment, the CO POTS splitter is located in the ADSL service provider's CO.

Copper loops enter the CO in bundles, terminating at the MDF. The provider extends the ADSL Tip / Ring wire pairs to the horizontal distribution frame (HDF) where the CO POTS splitter, which splits the voice and ADSL traffic is mounted.

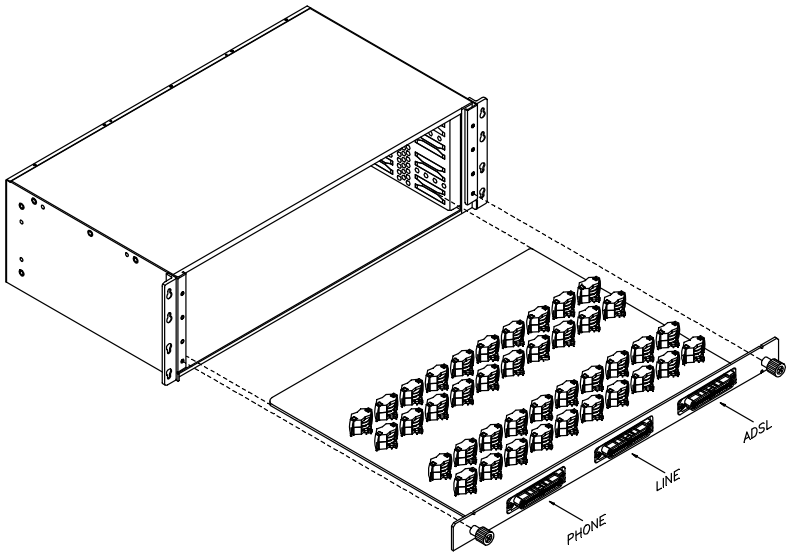
The Phone pairs are wired from the CO splitter to the CO switch. The ADSL pairs are wired from the CO splitter to the DSLAM as below.



6. Interpretation of connection interface:

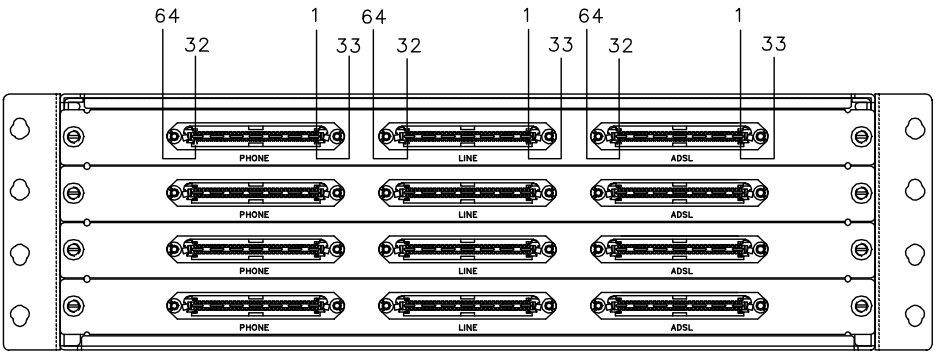
Prior to connect the related devices to the CO POTS splitter shelf, please read the following indications in order to avoid making incorrect connection.

6-1.Connection interface:



Interfaces: 1 x 64-pin AMP CHAMP connector for DSLAM
1 x 64-pin AMP CHAMP connector for POTS
1 x 64-pin AMP CHAMP connector for LINE

6-2. Pin assignments:



Pin No. / Marking	Pin 1 ~ Pin 32	Pin 33 ~ Pin 64
PHONE	Phone 1-Ring ~ Phone 32-Ring	Phone 33-Tip ~ Phone 64-Tip
LINE	Line 1-Ring ~ Line 32-Ring	Line 33-Tip ~ Line 64-Tip
ADSL	ADSL 1-Ring ~ ADSL 32-Ring	ADSL 33-Tip ~ ADSL 64-Tip

7. Safety guidelines:

- Do not work alone when potentially hazardous conditions exist, and never assume that power has been disconnected from a circuit – always check.
- Do not perform any action that creates a potential hazard to people or makes the equipment unsafe.
  Carefully examine your work area for possible hazards such as moist floors, ungrounded power extension cables, and missing safety ground.
- Never use or install telephone wiring during a lightning storm.
- Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.

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