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Find the *Avaya / Lucent / AT&T TN746B* at our website: *Click HERE*

TN746B analog line (16 ports)

Note:

This circuit pack is no longer sold.

The TN746B analog line circuit pack has 16 ports. Each port supports one telephone. Supported auxiliary equipment includes:

- fax machines,
- answering machines,
- modems, and
- amplifier handsets.

The TN746B circuit pack supports on-premises building wiring with either touchtone or rotary dialing, and with or without the LED and neon message waiting indicators. The TN746B circuit pack supports off-premises wiring with either DTMF dialing or rotary dialing. Off-premise wiring occurs out-of-building only with certified protection equipment. LED or neon message waiting indicators are not supported off-premises. The TN746B circuit pack provides -48 V DC current in the off-hook state. Ringing voltage is -90 V DC.

The TN746B, along with a TN755B neon power unit per carrier or per single-carrier cabinet, supports on-premises telephones. These telephones are equipped with neon message waiting indicators. The TN746B circuit pack supports three ringer loads. Only one telephone can have an LED or neon message waiting indicator.

TN746B supports A- and Mu-Law companding and administrable timers. The TN746B supports:

- Queue warning-level lights that are associated with the direct department calling (DDC) features and the uniform call distribution (UCD) features
- Recorded announcements that are associated with the Intercept Treatment feature
- PagePac paging system for the Loudspeaker Paging feature

Additional support is provided for external alerting devices. These devices are associated with the Trunk Access from Any Station (TAAS) feature, neon message waiting indicators, and modems. Secondary lightning protection is provided on the TN746B circuit pack. The TN746B circuit pack supports up to eight ports simultaneously-ringing. The system can achieve the maximum of eight ports ringing simultaneously. To do so, the system uses four ports from the set of ports numbered one through eight and four ports from the set of ports numbered 9 through 16.

Combined conversion of Modem Pooling requires a port for each combined resource that is to be supported. One port must be on a TN754 and another port on a TN742, TN746B or TN769 Analog circuit pack.

The following table lists the TN746B-supported telephones and shows each of their wiring sizes and ranges.

Telephone	Wire size (AWG)	Maximum range (feet)
2500 type	24 (0.2 mm^2/0.5 mm)	20,000 (6,096 m)
7100 series	24 (0.2 mm^2/0.5 mm)	20,000 (6,096 m)
7101A	24 (0.2 mm^2/0.5 mm)	15,200 (4,633 m)
7103A	24 (0.2 mm^2/0.5 mm)	15,200 (4,633 m)
8100 series	24 (0.2 mm^2/0.5 mm)	12,000 (3,657 m)
9100 series	24 (0.2 mm^2/0.5 mm)	12,000 (3,657 m)

TN747B central office trunk (8 ports)

The TN747B CO trunk circuit pack has eight ports for loop- or ground-start CO, foreign exchange (FX), and wide area telecommunications service (WATS) trunks. Each port has tip and ring signal leads. A port can connect to a PagePac paging system. The TN747B supports the abandoned call search feature in automatic call distribution (ACD) applications, if the CO has this feature. Vintage 12 or greater of the TN747B circuit pack also provides battery-reversed signaling.

TN750C recorded announcement (16 channels)

Note:

The TN2501AP circuit pack replaces the TN750 circuit pack. However, the TN750 circuit pack is still supported.

The TN750 recorded announcement circuit pack records and stores announcements to be played back on demand as part of a calling feature. The TN750 circuit pack has sampling rates of 16, 32, or 64 kilobits per second (kbps). The TN750 circuit pack records announcement messages from on-premises telephones or off-premises telephones. The circuit pack can store up to 128 recorded announcements to a maximum of 8 minutes total. The TN750 circuit pack has 16 channels, and each channel can play any announcement. Up to 25 call connections can listen to each channel.

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