

T1 cable is a high speed digital network (1.544 mbps) developed by AT&T in 1957 and implemented in the early 1960's to support voice transmission. The primary innovation of T1 was to introduce "digitized" voice. Back then a fully analog telephone system was used.

The T1 line is comprised of 24 channels. All these 24 channels can be utilized for voice as well as data lines. When integrated into your business, the T1 line is joined with a router that divides the 24 channels into phone lines or data lines on the basis of your telecommunication requirements.

In spite of being slightly expensive, the T1 voice connectivity is a dependable and quicker alternative for the business houses contemplating various options to manage their long distance voice traffic. For the purpose of the long distance services, the most extensively used form is the switched call, which originates from the common POTS (Plain Old Telephone Service) lines and is routed via the switch of a local telephone company. At present, some dedicated long distance analog connection is transmitted over a digital T1 cable voice line. It helps in reducing the per-minute rate of calls to a great extent, but the amount of calls has to be large enough to compensate for the monthly fee charged by the carrier for the T1 line. The more calls you made the more savings you would do.

T1 cable can also be used for data services, and the main benefits of using for internet access are – Dedicated bandwidth, high-speed, always-on Internet access. For dial-up bandwidth is very low, for DSL sometimes maintenances services are poor. With approximately 6 times more speed, than a normal residential modem, a single T1 data line can handle several users simultaneously, depending on the tasks being executed.

Digital T1 Data Service provides dedicated bandwidth to enable you to access the Internet at amazing high-speeds and at economical prices. In addition, the digital T1 services are more reliable compared to the analog modem. Due to the high access speed and dedicated bandwidth, digital T1 cable for Data Communication makes it possible for you to implement state-of-the-art connectivity solutions. With remote accessibility solutions for accessing corporate data, you can easily ensure customer satisfaction.

Another major advantage of T1 cable is that you can satisfy all your telecommunication needs through a single T1 data line. You no longer need to move through dial-up, DSL, or ISDN lines for Internet connectivity. This is especially crucial for handling critical tasks such as database access that require a reliable Internet service.

T1 cable services are mainly provided by telecom operators. Various telecommunications industry leaders as AT&T, MCI, Sprint, Verio, Qwest and New Edge provide T1 connectivity for business purposes.

T1 data service is a direct connection to the telecommunication carrier's network. An approximate subscription cost would be \$650 per month, with initial facility charges of about \$5000. The seemingly high cost is justified by the high-speed dedicated T1 line support that boosts your business efficiency and productivity.

T1 Cable Services can give businesses the advantage it needs in today's globally competitive marketplace: high-speed, dedicated Internet access with the same high standards of performance and reliability you've come to expect from the world-wide leaders in telecommunications.