

# FTTX

## PASSIVE OPTICAL NETWORK POINT-TO-MULTIPOINT



### FEATURES

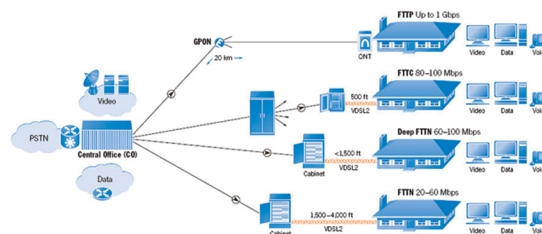
FTTx networks bring the combined advantages of higher transmission rates and lower energy consumption. Moving optical fiber closer to the user allows the latest construction, connection and transmission techniques to be leveraged to their fullest extent and diminishes the bottleneck potential of conventional coax. To make this feasible, skillful planning and execution must propagate all lifecycle phases.

A PON is sometimes referred to as the “last mile” between the provider and user, or the Fiber to the X (FTTx) with “X” signifying the home (FTTH), building (FTTB), premises (FTTP) or other location, depending on where the optical fiber is terminated. Thus far, fiber-to-the home (FTTH) has been the main application for PON.



Solutions from April Digital Tech. are designed to support the most complex PON and FTTx networks for today and beyond, and help you achieve the best possible performance from networks and services.

The combined precision, intelligence, and flexibility enable reliable fiber drops that are constructed correctly, and reduce associated costs of activation, installation and troubleshooting of FTTx/PON and WiFi services enabled by fiber.



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