Draft Recommendation ITU-T G.9701 (new)

Fast Access to Subscriber Terminals (FAST) – Physical layer specification

Summary

Recommendation ITU-T G.9701 specifies a gigabit broadband access technology that exploits the existing infrastructure of copper wires that were originally deployed for POTS services. Equipment implementing this Recommendation can be deployed from fibre-fed distribution points (FTTdp) located very near the customer premises, or within buildings (FTTB). This Recommendation supports asymmetric and symmetric transmission at an aggregate net data rate up to 1 Gbit/s on twisted pairs using a bandwidth up to 106 MHz and specifies all necessary functionality to support far-end crosstalk (FEXT) cancellation between multiple pairs of copper wires and to support low power operation e.g., for deployment in reverse powered network equipment.

*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*