

Introduction:

Recently there have been several proposals within IEEE and even ATM for 1Gb/s (and above) physical layer interface for operation over the new classes of copper cabling currently under development in TIA TR-42 and ISO/IEC JTC1 SC25 WG3. At the next meeting of IEEE 802, the week of July 5th 1999 there are two groups scheduled to discuss this. At the last meeting of TIA TR-42 a liaison letter was sent to IEEE urging the group to seriously consider an application over Cat 6.

Currently TIA does not support a class above Cat 6 and has been unable to agree on the requirements for Cat 6. It would be in the best interests of this organization to take the lead in defining what are expected to be the new cabling requirements. It is also important to establish that the requirements have been stable and are not expected to change in order for a new application to seriously consider the cabling.

I would recommend that we send the following liaison letter to IEEE 802.3 along with a recent draft of the cabling requirements to the July meeting.

Liaison Letter:

To: June 29,1999

Jim Carlo, Chair IEEE 802
Geoff Thompson, Chair IEEE 802.3

Cc:

Rick Townsend, Chair ATM Technical Committee

From: ISO/IEC JTC1 SC25 WG3

Subject: New Cabling Requirements

ISO/IEC JTC 1 SC25 WG3 has been developing specifications for new classes of cabling. These specifications are expected to be incorporated into the next revision of ISO/IEC 11801 to be published in 2000. The current channel requirements have been relatively stable since 1997 and are not expected to change.

Attached is the current draft of channel requirements for all classes of cabling in document 3N552. We request that IEEE 802.3 consider the channel requirements in any future development of application standards for copper cabling.

Thank you for consideration.

Regards,