

Proposed response to the liaison letter from IEC SC46C concerning twinax cables to support 10GBASE-CX4 and 40GBASE-CR4:

Thank you for your liaison letter requesting information to support your new project, IEC 62783.

Transmission performance for twinax cable assemblies for 10GBASE-CX4 and 40GBASE-CR4 are specified in published IEEE 802.3 standards, clauses 54 and 85 respectively. Other information relating to cabling requirements are also contained in these clauses. This standard, which contains these interoperability specifications, may be downloaded via <http://standards.ieee.org/about/get/> under the "get802" programme.

The IEEE 802.3 (Ethernet) Working Group has a long-standing, 2-way liaison relationship with ISO/IEC JTC 1/SC 25/WG 3 on international telecommunications cabling matters. We are aware of a recently approved project within that group to specify twinax cabling channels that support twinax cabling applications, including the two listed above. We would encourage you to liaise directly with ISO/IEC JTC 1/SC 25/WG 3 so that they may formulate the entire cabling channel from appropriate cable and connectors.

We appreciate the industry investment you are making to support our LAN standards.