

IEEE 802.3 Ethernet Working Group
Liaison Communication

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From: IEEE 802.3 Ethernet Working Group¹
Subject: Liaison reply to IEC SC46C re: Twinax Cables to Support 10GBASE-CX4 and 40GBASE-CR4
Date: July 19, 2012
Approval: Agreed to at IEEE 802.3 Plenary meeting, San Diego, CA, July 19, 2012

Dear Mr. Pfeiler,

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.

Sincerely,

David Law
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¹ This document solely represents the views of the IEEE 802.3 Working Group, and does not necessarily represent a position of the IEEE, the IEEE Standards Association, or IEEE 802.