

IEEE 802.3 Ethernet Working Group Liaison Communication

To: Christian Pfeiler, Chairman, IEC/SC46C <christian.pfeiler@drakamc.de >
CC: Walter von Pattay, Secretary ISO/IEC JTC1 / SC25 <Walter@Pattay.com >
Guy Perrot, Convenor PT62783 <guy.perrot@nexans.com>
Mr. Paul Nikolich, Chair, IEEE 802 LMSC <p.nikolich@ieee.org>
Mr. Adam Healey, Secretary, IEEE 802.3 Ethernet Working Group
<adam.healey@lsi.com>
Wael Diab, Vice Chair, IEEE 802.3 Ethernet Working Group/ Chair, Maintenance Task
Force <wdiab@broadcom.com>
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,

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.

David Law
Chair, IEEE 802.3 Ethernet Working Group
<dlaw@hp.com>

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