



ISO/IEC JOINT TECHNICAL COMMITTEE 1

SUBCOMMITTEE No.25: INTERCONNECTION OF
INFORMATION TECHNOLOGY EQUIPMENT
WORKING GROUP 3: CUSTOMER PREMISES CABLING

To: David Law, Chairman IEEE 802.3 [REDACTED]

CC: Adam Healey, Vice Chair IEEE 802.3, [REDACTED]
Jon Lewis, Secretary, IEEE 802.3 Ethernet Working Group, [REDACTED]
Alpesh Shah, Secretary, IEEE-SA Standards Board, [REDACTED]
James Gilb, Chair, IEEE 802 LMSC, [REDACTED]
James Withey, IEEE 802.3 Liaison Officer, [REDACTED]

Subject: Liaison from ISO/IEC JTC 1/SC 25/WG 3 on the impact of optical return loss (ORL) on PON applications

Dear Mr Law,

ISO/IEC JTC 1/SC 25 WG 3 seeks clarification on the impact if any on the inclusion of Physical Contact (PC) connectors within a passive optical network (PON) channel.

Clarification on the following would assist WG3 to correctly implement PON within our standards as a supported application:

- Q1 Are there criteria associated with optical return loss for PON channels?
- Q2 Will mated PC connectors within the channel affect the performance of the PON application?

Many thanks for your consideration and continued support.

Sincerely,

Albrecht Oehler
Convenor, ISO/IEC JTC 1/SC 25/WG 3