



ISO/IEC JTC 1/SC 25/WG 3 N 1330
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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]
Konstantinos Karachalios, Secretary, IEEE-SA Standards Board, [REDACTED]
Paul Nikolich, 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 single pair cabling

Dear Mr Law,

In connection our project to add single pair cabling requirements to the standard for Generic cabling for customer premises (ISO/IEC 11801-1 Amd 1), SC 25/WG 3 would like to ask IEEE 802.3 to provide guidance related to the potential use cases that are expected for remote power delivery.

In particular, SC 25/WG 3 requests information regarding:

- predicted average lengths of installed cabling and length expectations for 1 pair remote powering
- use cases for 1 pair remote powering, especially applications requiring 2 A
- cabling structures, e.g., connected via plug or fixed cabling

SC 25/WG 3 would like to thank IEEE 802.3 for their assistance in providing further clarity to these topics.

Sincerely,

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