

Technical Note

Channel Configurations – 3rd Party Verification Testing



Excel Networking currently has a valid 3rd Party Certification from Delta Labs from Denmark for a Screened Channel, Class E_A, 4 Connector Model. This technical note is a simple explanation of the configuration for that test.

The Channel was constructed using the following components:

Horizontal Cable:

100-196 Excel Category 6_A Screened F/FTP 'S' Foil Cable, LS0H

Equipment/ User Cord (A) & Patch Cord (D):

100-154 Excel Category 6_A Screened F/FTP LS0H Patch Lead, Booted, 5m Grey

100-148 Excel Category 6_A Screened F/FTP LS0H Patch Lead, Booted, 1m Grey

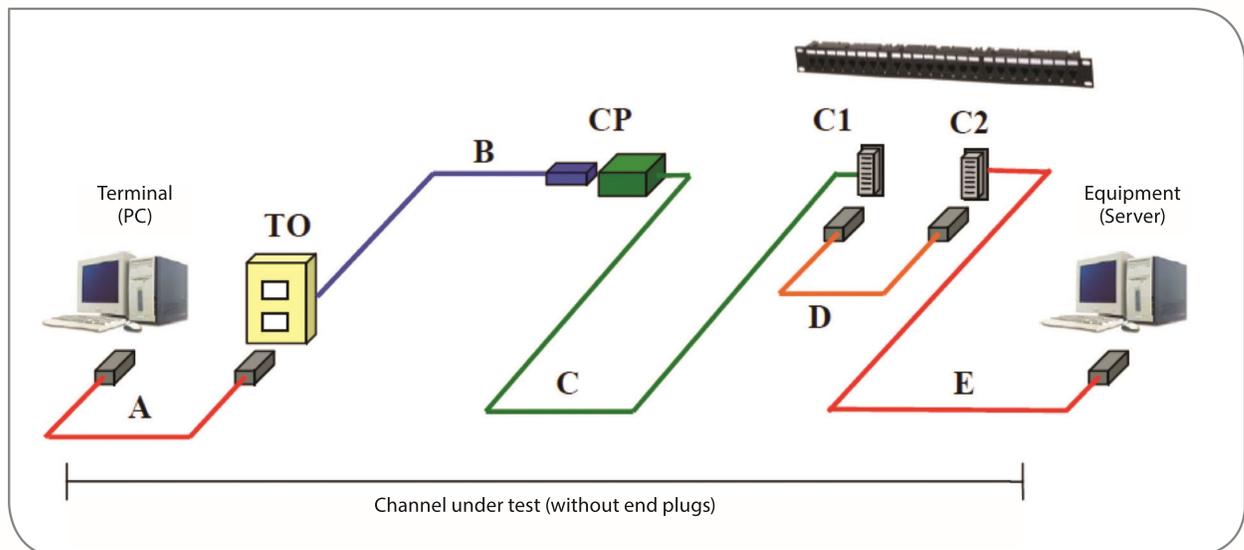
Consolidation Point Cable (B) & Equipment Cord (E):

100-133 Excel Category 6_A Solid Core (F/FTP) Screened Harness/Switch Links Leads – 30m
(Cut to length and outlet Jacks added)

Telecommunications Outlet and Patch Panel Jacks:

100-181 Excel Category 6_A Low Profile Screened Keystone Jack - Toolless

The configuration of the specific channel tested is as follows



The detailed legend to the diagram on the previous page is as follows:

Item	Name	Cable type	Length	Connecting hardware
A	Terminal cord	Flexible cable	5 m	1 plug
B	Consolidation point cable	Flexible or Horizontal cable	5 m	1 socket 1 plug
C	Horizontal cable	Horizontal cable	85 m	2 sockets
D	Patch cord	Flexible cable	1 m	2 plugs
E	Equipment cord	Flexible cable	4 m	1 socket
TO	Telecommunications Outlet / Wall Outlet			
CP	Consolidation Point connector (Sockets)			
C1, C2	Horizontal cross-connector / Floor Distributor / Patch panel			

This document should be read in conjunction with the relevant certificate, 2014-333 that can be found on the Excel Networking website.

<http://www.excel-networking.com/assets/downloads/2014-333%20Excel.pdf>