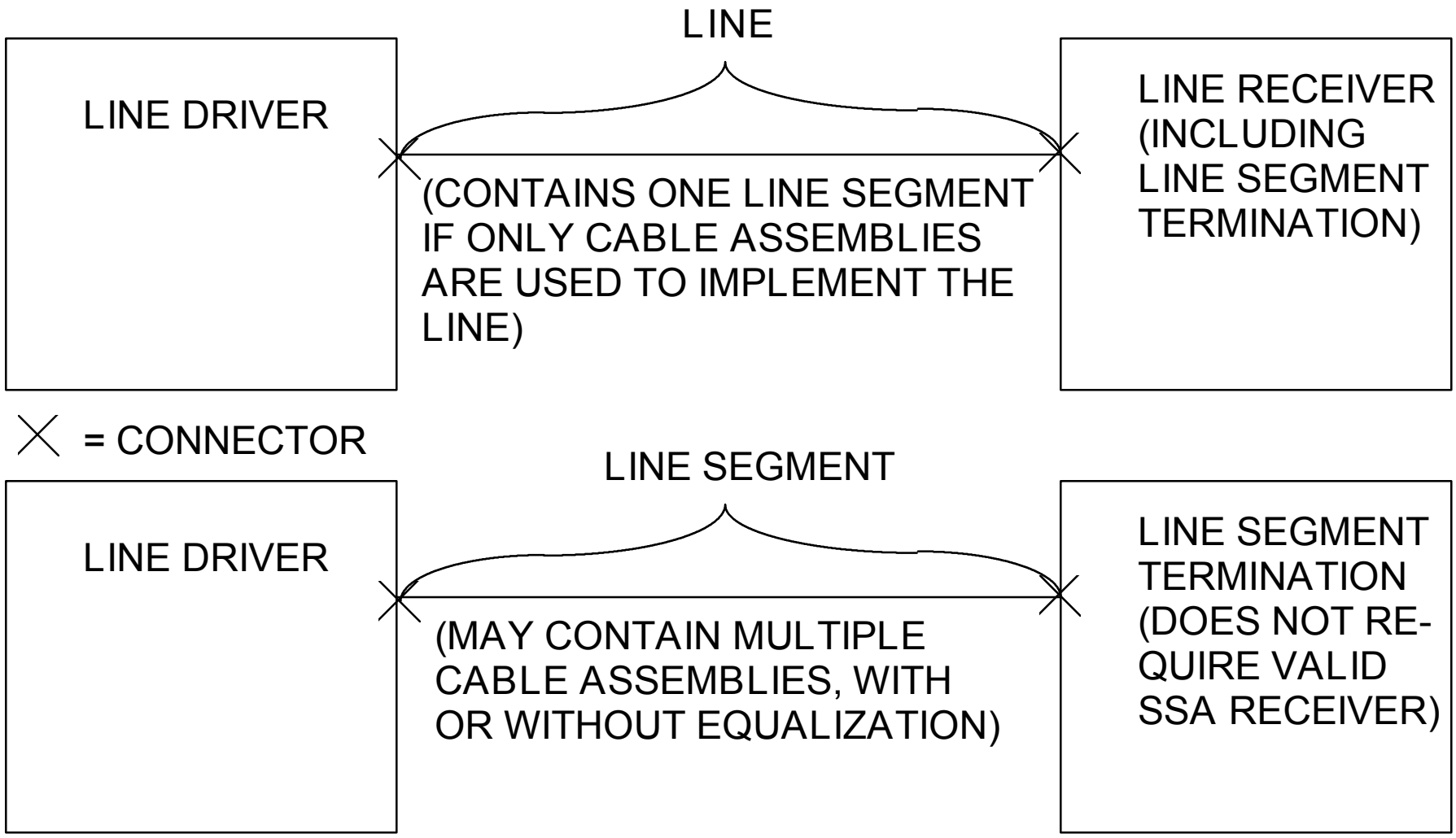
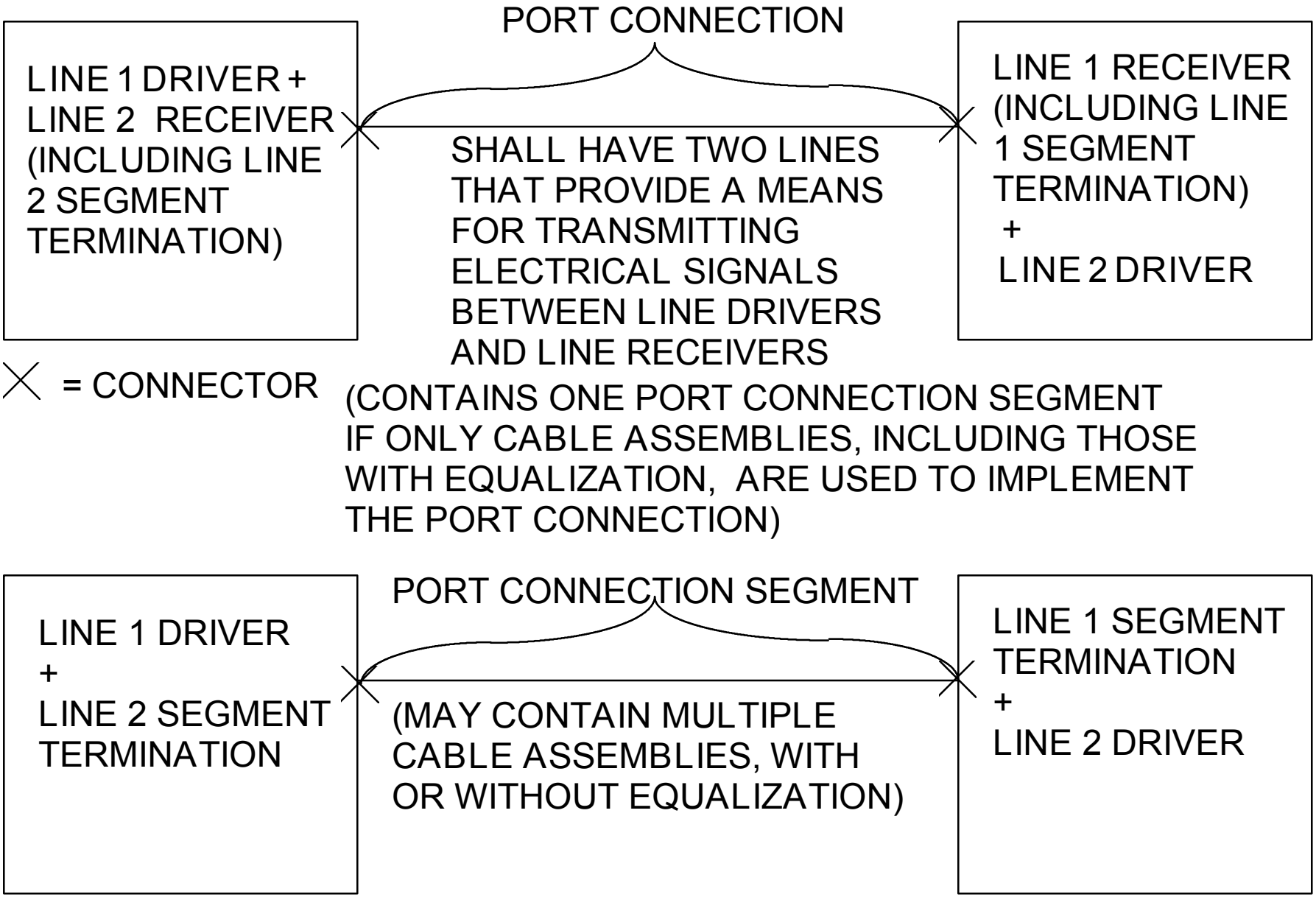
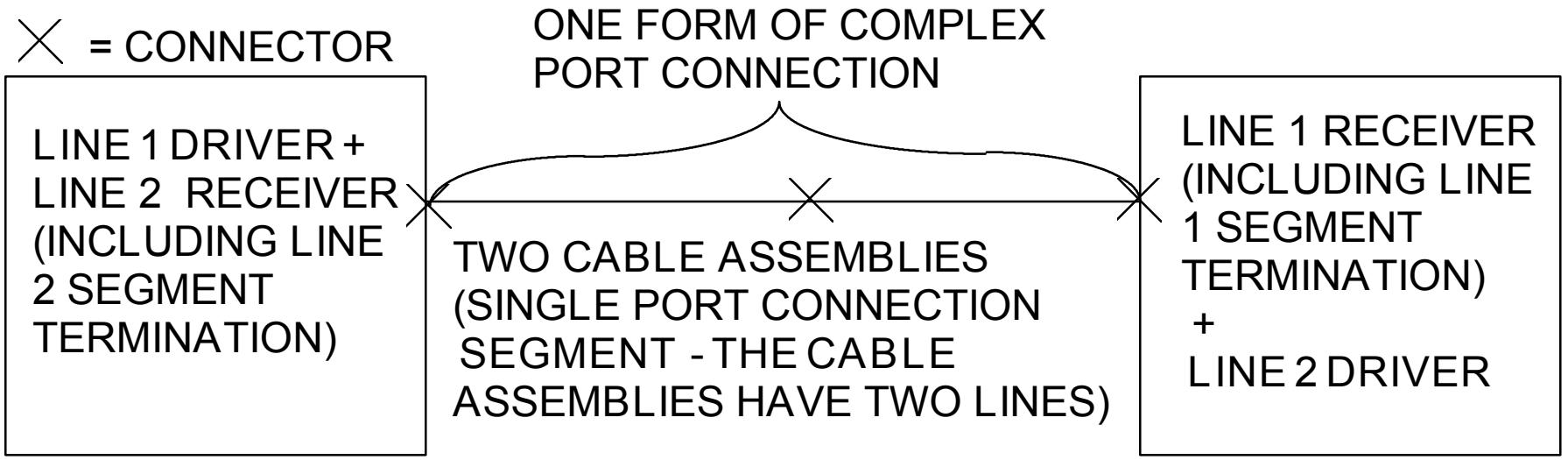
LINES AND LINE SEGMENTS



PORT CONNECTIONS AND PORT CONNECTION SEGMENTS



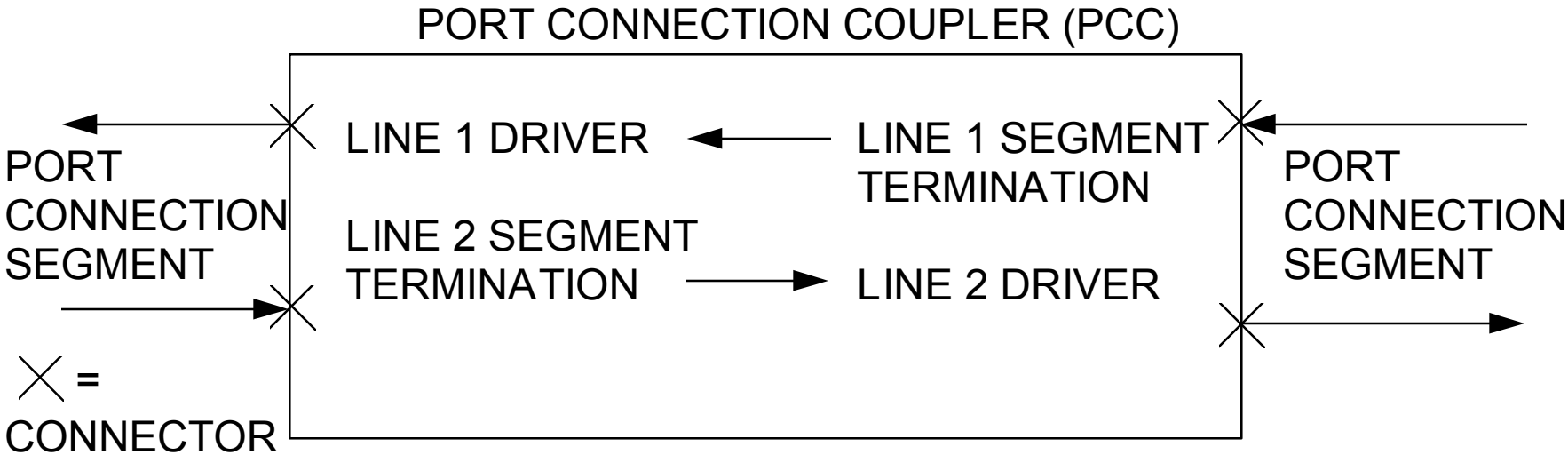
COMPLEX PORT CONNECTIONS



PORT CONNECTIONS IMPLEMENTED WITH SINGLE CABLE ASSEMBLIES USING PASSIVE EQUALIZERS ARE NOT CONSIDERED TO BE COMPLEX PORT CONNECTIONS

COMPLEX PORT CONNECTIONS MAY ALSO BE CREATED BY USING PORT CONNECTION COUPLERS (PCC'S)

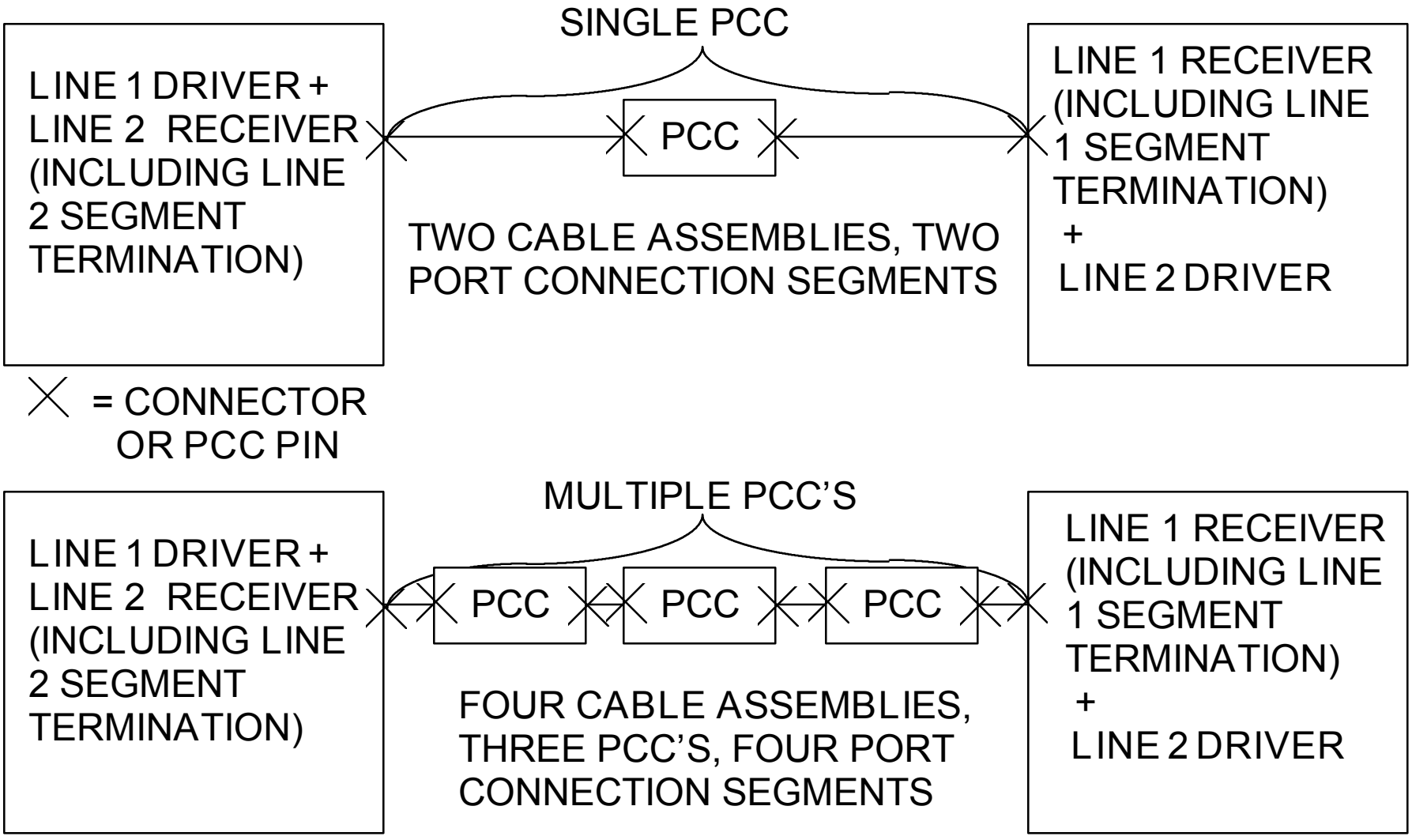
PCC'S MAY CONTAIN OPTICAL OR OTHER MEANS FOR TRANSMITTING SIGNALS WITHIN THE PCC BETWEEN THE SEGMENT TERMINATION SIDE AND THE LINE DRIVER SIDE



PCC'S SHALL HAVE LINE DRIVERS THAT MEET ALL PERFORMANCE REQUIREMENTS FOR SSA PORT LINE DRIVERS WITH ANY COMPLIANT SSA LINE RECEIVER SIGNALS AT THE LINE SEGMENT TERMINATION SIDE

PCC-LIKE ELEMENTS WITHIN A COMPLEX PORT CONNECTION MAY NOT BE INTERCHANGEABLE AND PORT CONNECTION SEGMENT LENGTHS MAY NEED TO BE REDUCED UNLESS THE REQUIREMENTS OF PCC'S AS DEFINED ARE MET --
ONLY THE REQUIREMENTS AT THE PORT CONNECTORS APPLY FOR COMPLEX PORT CONNECTIONS THAT DO NOT REQUIRE INTERCHANGEABILITY FOR PCC-LIKE ELEMENTS OR LONG PORT CONNECTION SEGMENTS

COMPLEX PORT CONNECTION EXAMPLES USING PCC'S



MOTION TO CREATE SSA-PH1 REV 08

MOTION: THAT SSA-PH1 REVISION 08 BE CREATED INCORPORATING THE TECHNICAL CHANGES TO REVISION 07c LISTED BELOW

CHANGES:

- MOVE CONNECTOR PERFORMANCE REQUIREMENTS TO NORMATIVE ANNEXES
- ADD FIGURES DESCRIBING LINE SEGMENTS, PORT CONNECTIONS, PORT CONNECTION SEGMENTS, PORT CONNECTION COUPLERS, AND COMPLEX PORT CONNECTIONS
- CHANGE LINE SEGMENT TERMINATION REQUIREMENTS TO USE 750 PS RISE TIME INSTEAD OF SLEW RATES
- MOVE EQUALIZER REQUIREMENTS TO CABLE ASSEMBLY SECTION

PROPOSED AGENDA FOR THE JANUARY 17, 18 1996 SSA2 WORKING GROUP MEETING IN HAVANT, UK

- LINE SEGMENT TERMINATION VALUES, MEASUREMENT SCHEME AND STRATEGY FOR PH1

- SSA-PH2 ARCHITECTURE
  - TEST RESULTS SSA/40 SSA/20
  - PERFORMANCE REQUIREMENTS
  - TERMINATION/COUPLING
  - JITTER TRANSFER/TOLERANCE
  - MEASUREMENT POINTS
  - OPTICAL SPECIFICATIONS
  - OPTION BLOCK FUNCTIONS (ID ASSIGNMENTS ETC)
  - SCA CONNECTOR??

-

Agenda, con't

- SPEED NEGOTIATION
  - IMPLICATIONS OF AC/OPTICAL COUPLING
  - SPEED CODES
  - ALGORITHM
- BUDGET FOR DC VOLTAGE DROP IN LONG CABLES AND EQUALIZERS