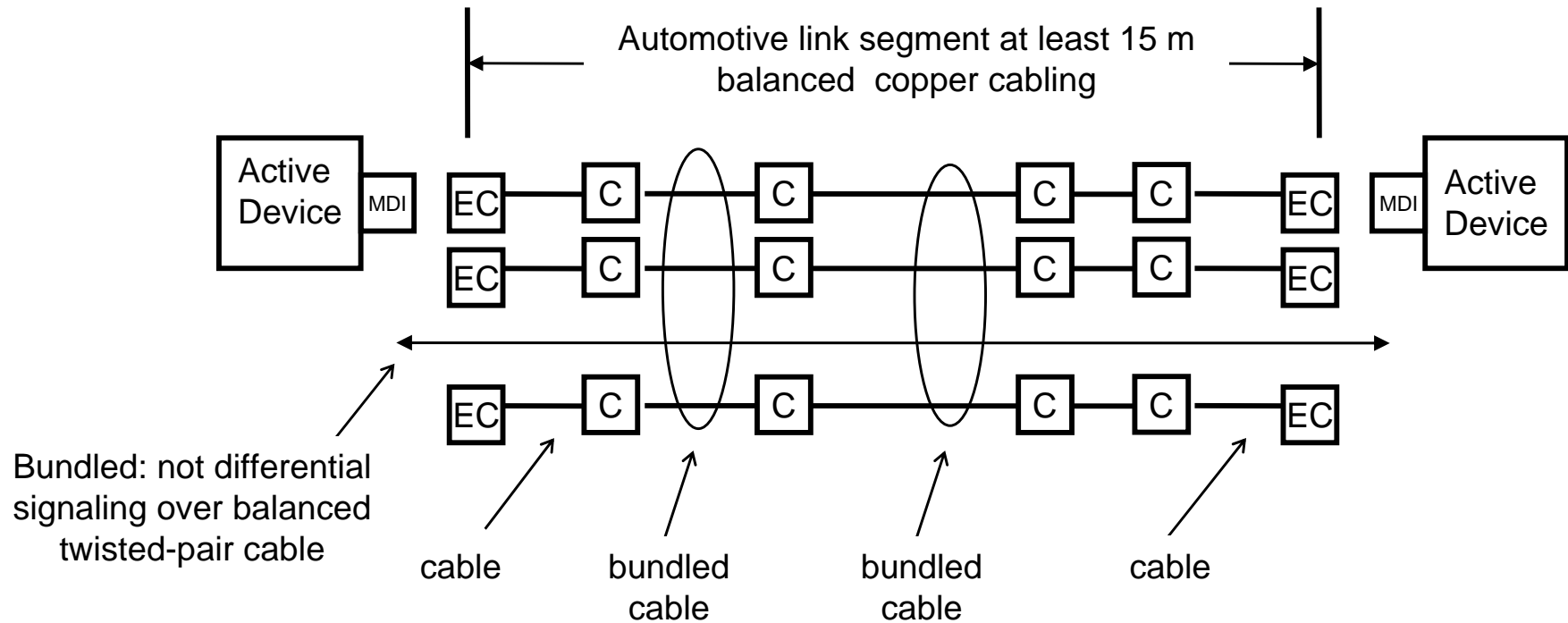

Reduced Twisted Pair Gigabit Ethernet SG link segments

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Discussion

- MDI requirements
- In-line connector requirements
- Test fixture connector requirements

Automotive link segment



The IEEE 802.3 nomenclature is bracketed to identify relationship to the IEEE 802.3 definitions.

Length objective [EC] to [EC] at least 15 m
Number of inline connectors [C] = 4



= inline connector



= connection to equipment



= Active electronics connector
[Medium dependent interface (MDI)]

Straw polls

- Are there requirements for mechanically compatible in-line connector systems between automobile manufacturers?

Y

N

- Are there requirements for mechanically compatible MDIs

Y

N

- Are there requirements for automotive link segment test fixtures?

Y

N

Test fixtures

- Connector requirements for automotive link segment test fixtures

