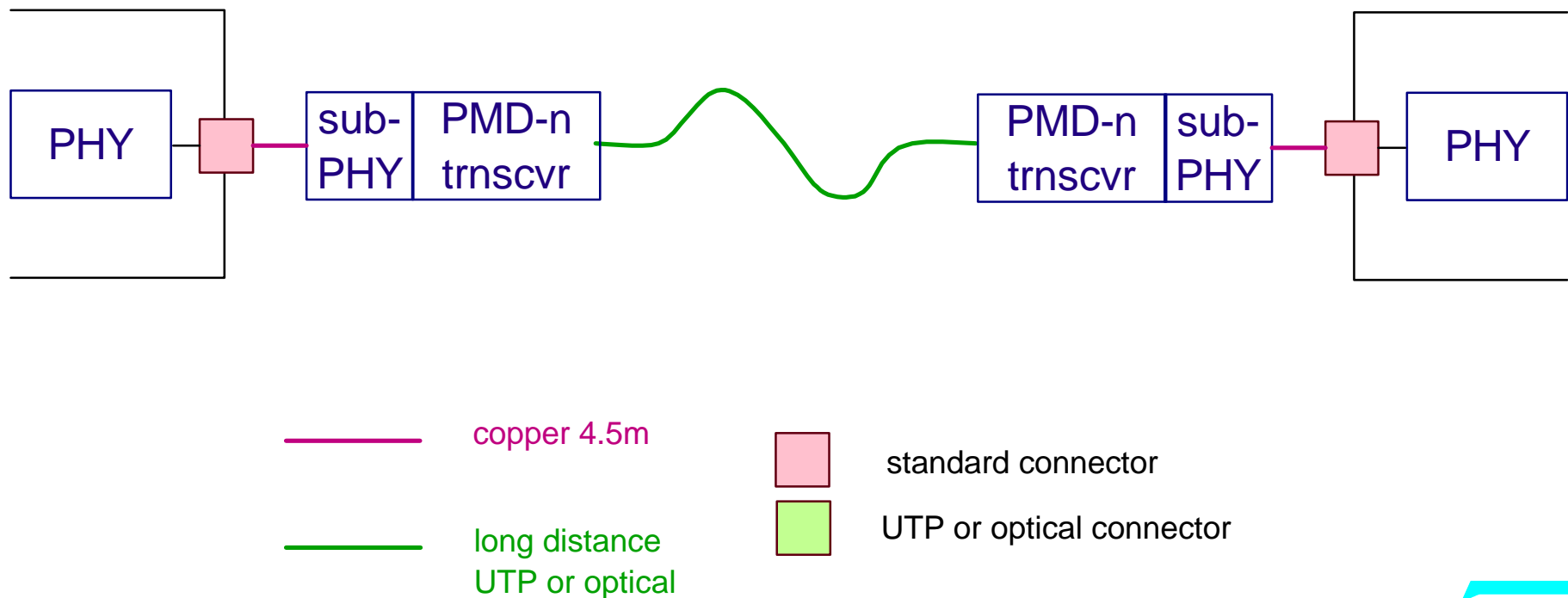


Connection scenarios - 1

1. Long-distance cable incorporating a dongle

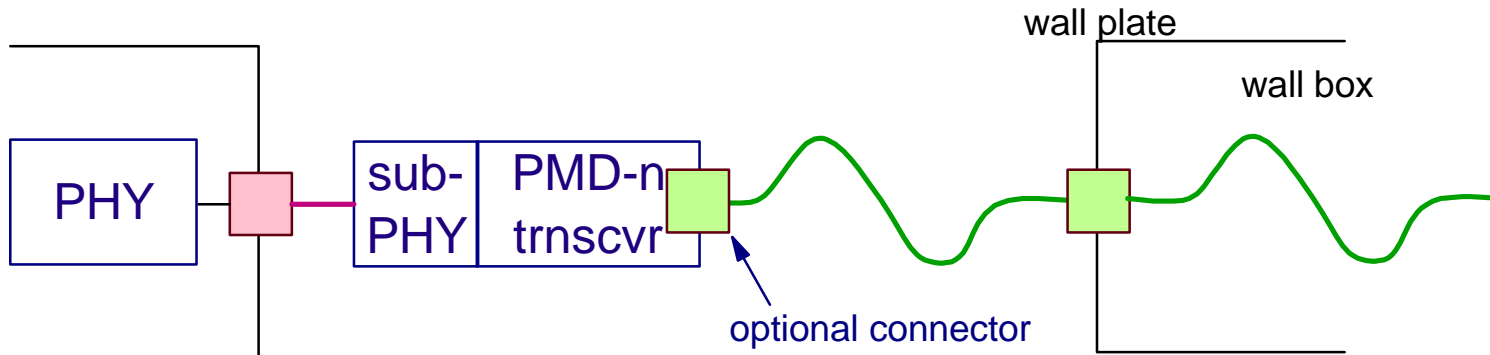
- standardise the medium and the optical/UTP parameters
 - ✓ accelerate time to market
- sold as a complete unit
 - ✓ no need to standardise a long haul connector



Connection scenarios - 2

2. Long-distance cable incorporating a dongle, with passive wall plate

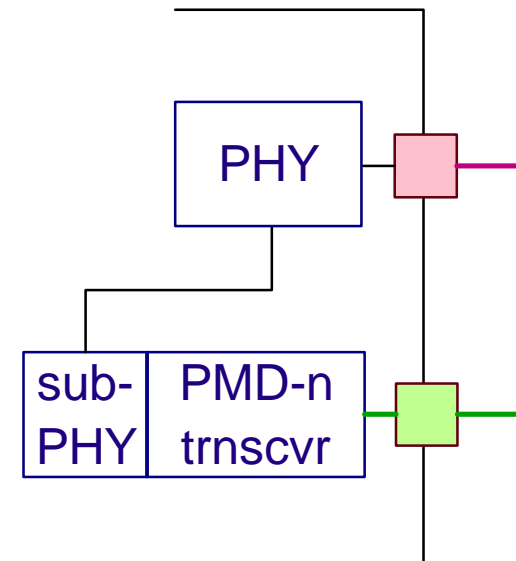
- standardise the medium, the optical/UTP parameters and the wall plate connector
 - ✓ single standard for patch cords
- possible connector on the dongle, should be the same as the wall connector
 - ✓ or possibly purchase pre-terminated cables
- transceiver purchased at the time that the long-haul connection is needed



Connection scenarios - 3

3. Long-haul interface on the equipment

- standardise the medium, optical parameters and the connector
- must be the same standard as the medium and connector used for the infrastructure
 - ✓ single standard for patchcords
 - ✓ avoid market confusion
 - ✓ minimise the number of conversions



Connection scenarios - 4

Active wall box

- standardise the medium and the optical/UTP parameters
 - ✓ no need to standardise a connector
 - ✗ regulatory difficulties with powered wall-plates (limited or no power)
 - ✗ regulations will be restrictive, and will differ from country to country
 - ✗ may have to have the electronics surface mount
 - ✗ building cabling installation will not include electronics
 - ✗ active wall box has to be installed later (including optical/UTP termination)
 - ✗ distance from equipment cluster to wall plate may exceed 1394 reach
- allowed by previous scenarios, but not an adequate (or legal) solution for all circumstances

