Singlefibre optics at LONAP

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RIPE68 EIX^W connect-bof
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New product: 1000BX / 10G-BX
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- Delivering 1G or 10G service over a single strand of singlemode fibre
- Easy to upgrade 1G->2G, 10G->20G
- Saves LONAP ODF space
- Save crossconnect fees!
- No need to swap TX/RX
- Available since Jan-2014
New product: 1000BX / 10G-BX

- **Downsides** include:
  - ‘weird’ optic type
  - confusion
  - slight cost increase

So we expect this will mainly be used by smaller ‘clued-up’ members
Interface description: 1000Base-BX

- “downstream 1000Base-BX–D”
- **TX:** 1310nm
- **RX:** 1490nm
- Flexoptix order code: S.B1612.10.CLDL
- Cisco: GLC-BX-U (other vendors are available)
- Juniper: 1000Base-BX10-U 13/14
- Cost approx 45EUR per transceiver
Interface description: 10GBase-BX

- “downstream”
- **TX:** 1270nm
- **RX:** 1330nm
- Flexoptix order code: (other vendors are available)
  - SFP+: P.B1696.10.AD
  - XFP: X.B1696.10.DA
- Cost approx 350EUR per transceiver
Questions?

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