Excitation Components
Nikon C1 and C2

- Laser port (APC connector)
- Fiber switch
- Compact attenuator
- LCU
- PM SM fiber
- LDH Series
  - LDH 405
  - LDH 440
  - LDH 485
  - LDH 510
  - LDH 530
  - LDH 640
- Diode laser driver
  - PDL Series
    - One channel version: PDL 800-D
    - Multi-channel computer controlled version: PDL 828 “SEPIA II”
- Sync to TCSPC unit

From Nikon laser combiner
PMA Detection Components
Nikon C1 and C2

1) The exit port can create slight backreflections which are however in most applications not visible in the lifetime histogram.
2) Detection unit is available with up to four detectors, NDD only with up to 2 detectors possible.
3) Not needed with HydraHarp 400 and TimeHarp 260.
Components - Data Acquisition
Nikon C1 and C2

- sync signal from PDL Series
- detection channel from router (if present)
- line and frame sync from LSM controller
- signal from PMT
- sync cable
- router cable
- Nikon LSM cable set
- PicoHarp 300, HydraHarp 400 or TimeHarp 260 PICO
- PC PicoQuant
- software SymPhoTime
- monitor
- PC Nikon
- package 1: for FCS
- package 2: for FLIM
- package 1+2: complete (FLIM and FCS)

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