

# Nomenclature for Organization of Faraday Isolators

## 1. Tunable Rotation of output polarizer

a-x-bcd-e-f

Please fill in for

- a: FI for Faraday Isolator  
FR for Faraday Rotator
- x: central wavelength in nm
- b: aperture in mm
- c: stage      for two stage: T  
                  for single stage: S
- d: housing type, suitable for a wavelength range  
                  for short wavelength range: V  
                  for longer wavelength range: I  
                  compact isolators: C
- e: options    BB: broadband  
                  HP: high-power  
                  MB: compatible to Microbench
- f: optional selection: 35 dB, 40 dB

### Example

FI-810-5SV-BB-35dB

Faraday Isolator for 810 nm wavelength, with 5 mm aperture, single stage, broadband, 35 dB

## 2. Tunable Translation of magnets

a-x/y-bcd

Please fill in for

- a: FI for Faraday Isolator  
FR for Faraday Rotator
- x: lower wavelength of the tuning range in nm  
y: higher wavelength of the tuning range in nm
- b: aperture in mm
- c: stage      for two stage: T  
                  for single stage: S
- d:: housing type, suitable for a wavelength range  
                  for short wavelength range: V  
                  for longer wavelength range: I  
                  compact isolators: C

### Example

FR-500/1100-8SI

Faraday Rotator, tunable from 500 to 1100 nm wavelength, with 8 mm aperture, single stage