

General

- Belle-II ground/shield should be isolated from accelerator components.

Sub-detector

- Ideally, each sub-detector should be designed as independent shielded enclosure.
-> see section: Basics of EMC/Basic treatment of a shielded enclosures and interconnections.
- Interconnection of shielded enclosures should be follow this fundamental treatment.
-> see section: Bonding and Interconnection

Interconnection/Cabling

- All sub-detector shields should be bonded appropriately to each other.
-> see section: Basic of EMC/Bonding and interconnection
- There should be no floating metal (including reserved/spare cables) in/on/near Belle-II.
-> see section: Accidental antenna.
- Routing of cables (signal/power/grounding) should minimize the area of send/return loops.
-> see section: Return path
- Solid connections should be made between cable shields and sub-detector shields
-> see section: Treatment of cable shield
- Cable segregation is recommended.
-> see section: Cable segregation