

2-3 Other Requirements

- Rigid non-filled case molded out of polyester/polycarbonate blend.
- Ensure that splice enclosure provides strain relief around the cable jacket and cable strength member.
- Ensure that splice enclosure is rodent proof, water proof, re-enterable and consist of moisture proof case.
- Ensure that all hardware is corrosion resistant aluminum or stainless steel.
- Ensure that splice enclosure is capable of holding hardware made from corrosion resistant aluminum or stainless steel.
- Ensure that splice enclosure is able to re-enter and re-assemble without the use of special tools.
- Ensure the number of cable entries meet project requirement at each location. 2 to 6 cables entries for 0.5" to 1" dia. loose tube single mode fiber optic cables are required.
- Ensure that splice enclosure meets minimum fiber bending radius requirements.
- Ensure grounding strap is provided.
- Ensure that splice enclosure is capable of holding fusion splice trays and slack baskets to organize and store splices.
- Ensure that splice enclosure is equipped with the necessary mounting hardware.
- Ensure that splice enclosure has air valve for flash testing.

2-4 Splice tray specifications

- 12-fiber fusion splice trays compatible with fusion splicing single mode optical fibers.
- Ensure that number of splice trays is sufficient to splice all fibers.
- Ensure that it is compatible with splice enclosure.
- Ensure that splice trays are stackable within the splice enclosure.
- Ensure that splice tray is designed to accommodate loose tube buffers secured with tube guide or channel snap.
- Ensure that no cable ties are required to secure loose tube buffers.