915919

AMP OPTIMATE Fibre Optic Interconnection System

Receptacles — Coupling

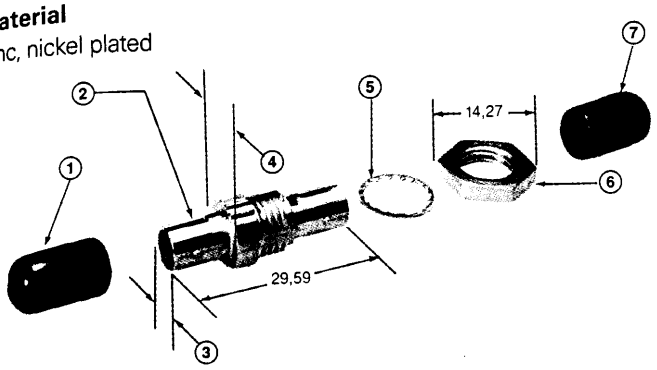
Part No. **501381-1**

Product Facts

- Use with two plugs to make a free-hanging splice or panel feed-through connection
- Simple bayonet latch for ease of engagement
- Durable construction
- Low loss

Material

Zinc, nickel plated



① Dust Cap
② Coupling Receptacle
③ 7.01 mm Dia. max.
④ 11.18 mm Dia. max.
⑤ Lockwasher
⑥ Nut
⑦ Dust Cap

Active Device Mount

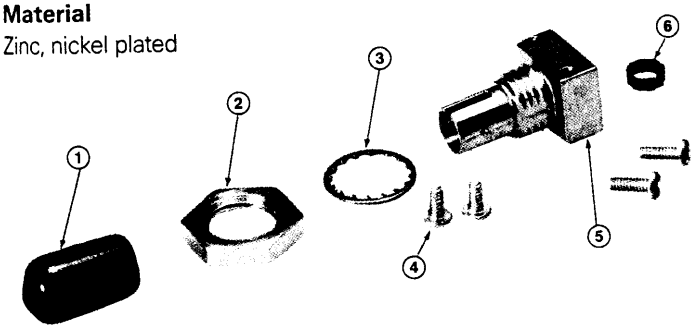
Part No. **501474-1**

Product Facts

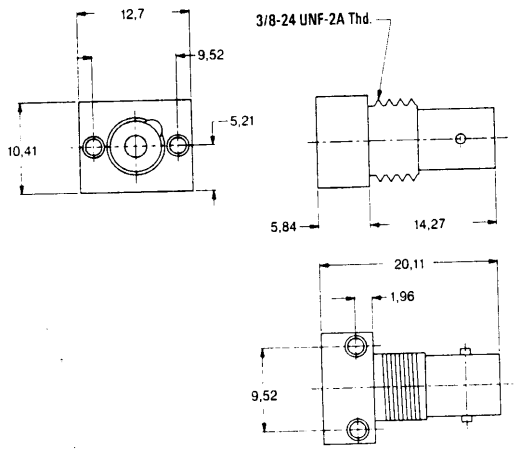
- Use to mate a 2.5 mm Bayonet Connector (ST-type) active device
- Simple Bayonet latch for ease of engagement
- Durable construction
- Low loss

Material

Zinc, nickel plated



① Protective Cap
② Hex Nut
③ Lockwasher
④ Self-Tapping Screw No. 2
⑤ Body
⑥ Device Ring



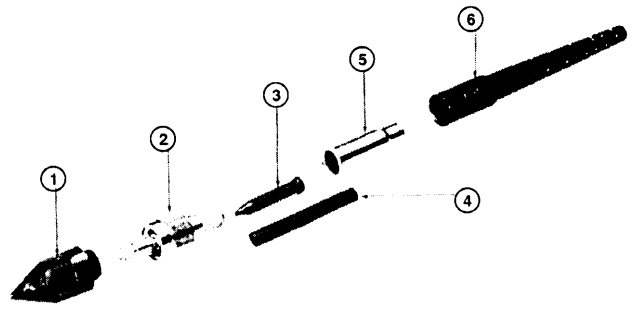
FSMA Connectors

Plugs

Product Facts

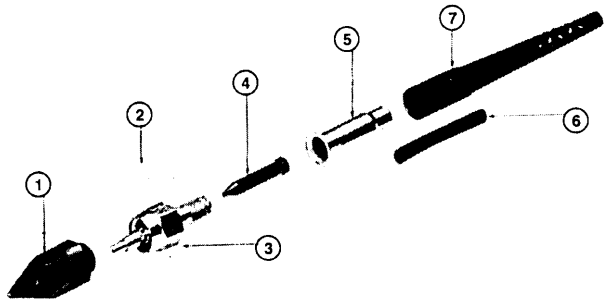
- Industry compatible with "905" (FSMA-I) and "906" (FSMA-II) style connectors
- Terminates fibre sizes from 125 to 1000 microns in diameter
- Design parameters conform to the proposed NATO and IEC interface standards for military and instrument applications
- Resilient tip design of FSMA-I connectors minimises mating tolerance problems
- Environmental sealing available (for environmental **Sealing,** order optional **O-Ring** Part No. **19195-2)**
- Single crimp design allows all crimps to be made simultaneously with one tool
- Corrosion resistant construction
- Performance and reliability at low cost

FSMA-I



① Pulling Bullet/Cover
② Body Assembly
③ Strain Relief
④ PVC Tubing Ferrule
⑤ Eyelet
⑥ Ferrule

FSMA-II



① Pulling Bullet/Cover
② Alignment Sleeves
③ Body Assembly
④ Ferrule
⑤ Eyelet
⑥ PVC Tubing Ferrule
⑦ Strain Relief

Technical Features

Insertion Loss:
1.5 dB typical

Temperature Range:
-55°C to +105°C

Durability:
200 mating cycles

Cable Retention:
267 N minimum (depending on cable construction)