

# Dome Type Joint Enclosure (Screw Opening) - BJCR Type



The Dome Type Joint Enclosure (Screw Opening) - BJCR Type is a high-quality enclosure designed for the protection and management of cable joints. Its unique design features a screw opening dome that allows for easy access to the cable connections, making installation and maintenance a breeze. This device is used to connect two or more optical fiber cables. The fibers from different cables are fusion spliced and safely kept inside the splice organizer located inside the joint enclosure. This enclosure can be buried in the ground (such as in manholes) or hung on a pole in the case of aerial cables.

There are two types of joint closures: straight joint closures and branch joint closures, which are suitable for both armored and unarmored optical fiber cables. The joint closure is designed to be sufficiently strong and robust to withstand environmental and weather effects. Once assembled and heat-shrunk, the joint closure is completely free from moisture, dust, and insects, making it highly reliable for long-term usage.

The Dome Type Joint Enclosure (Screw Opening) - BJCR Type typically comprises of a molded shell pipe that has one end closed and an end cap with parallel ports and an oval port for cable entry and exit. The end cap contains a base plate or main plate that holds the sheath clamp, FRP holder, and cassettes. Cable entry ports are provided on the top of the end cap for cable entry.

## Technical Specifications

Material	ABS Plastic
Color	Black
Cable Entry	BJCR Type-3
Maximum Cable Diameter	20mm
Maximum Number of Cables	3
Cable Connection Type	Screw-on terminal block
Operating Temperature	-40°C to +65°C
Storage Temperature	-40°C to +85°C

## KEY FEATURES & BENEFITS

- Suitable for cable up to 48-96 fibers, making it suitable for a wide range of applications.
- Compatible with all types of OFC (Optical Fiber Cable), providing a versatile solution for cable joint protection and management.
- Multi-entry joint closure allows for multiple cables to be connected, reducing the need for multiple enclosures and simplifying installation.
- Available for straight and branch joints, providing flexibility in cable routing and connections.
- Provides reliable protection against water and moisture, ensuring that the cable joints remain secure and functional even in harsh weather conditions.
- Made from high-quality materials for maximum durability and strength.
- Unique screw opening dome design for easy access to cable connections and simplifying maintenance and repair work.
- Can accommodate up to 3 cables with a maximum diameter of 20mm.
- Includes a sealing gasket to provide additional protection against water and dust.
- Includes a sealing gasket to provide additional protection against water and dust, ensuring that the cable connections remain protected and secure.

## KEY APPLICATIONS

- Telecommunications
- Power distribution
- Railway signaling systems
- Security systems
- Oil and gas industries