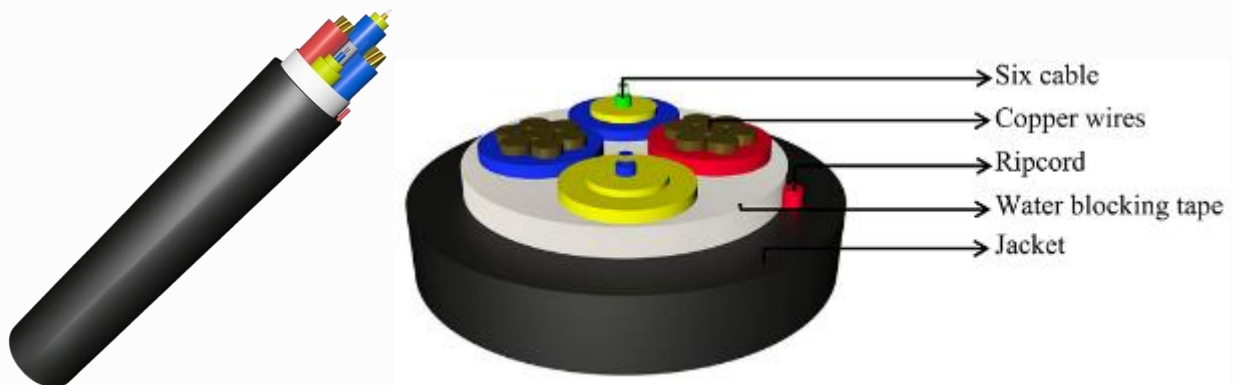


# Indoor Break Fiber and Power Hybrid Cable

MODEL : IK-FOC-GDBVV-2C



## Description

Tight buffered fibres are surrounded with a layer of aramid yarns as the strength member. A LSZH inner sheath is extruded on the tight buffered fibre to form an optical sub-unit. Then optical sub-units and copper wires are stranded around a non-metallic central strength member to form a cable core. The core is armored with laminated aluminum tape. Finally, a LSZH outer sheath is extruded. Other sheath materials are available on request.

## Applications

- Used for security monitoring, park all-optical network
- Used in other occasions where communication and electricity are required at the same time
- applicable to the construction of indoor distributed base stations

# Indoor Break Fiber and Power Hybrid Cable

MODEL : IK-FOC-GDBVV-2C



## Characteristics

- Good mechanical and temperature performances
- Excellent crush resistance and flexibility
- Good crush resistance and flexibility
- All-dry hybrid structure

## Technical Parameters

| Cable Type                         | Cable Diameter | Cable Weight | Tensile Strength Long/Short term | Crush Resistance Long/Short term | Bending Radius Dynamic/Static | Storage Temperature |
|------------------------------------|----------------|--------------|----------------------------------|----------------------------------|-------------------------------|---------------------|
|                                    | (mm)           | (kg/km)      | (N)                              | (N)                              | (mm)                          | (°C)                |
| GDBVV-2C (2*0.75 mm <sup>2</sup> ) | 8.5            | 95           | 400/800                          | 300/1000                         | 20D/10D                       | -20 °C~+60 °C       |
| GDBVV-2C (2*1.0 mm <sup>2</sup> )  | 8.5            | 95           | 400/800                          | 300/1000                         | 20D/10D                       | -20 °C~+60 °C       |
| GDBVV-2C (2*1.5 mm <sup>2</sup> )  | 9.5            | 110          | 400/800                          | 300/1000                         | 20D/10D                       | -20 °C~+60 °C       |
| GDBVV-2C (2*2.5 mm <sup>2</sup> )  | 11.0           | 135          | 400/800                          | 300/1000                         | 20D/10D                       | -20 °C~+60 °C       |

Note:

Transport/storage temperature: -20°C ~ +60°C

Standard length: 2000m; other lengths are also available.

Copper wire type: 0.75mm<sup>2</sup>, 1.0mm<sup>2</sup>, 1.5mm<sup>2</sup>, 2.5mm<sup>2</sup>, 4mm<sup>2</sup>

## Ordering information

MODEL: IK-FOC-GDBVV-2C

- FOC: Fiber Optic Cable
- GDBVV-2C: Cable Type