

# Photoelectric Composite Cable

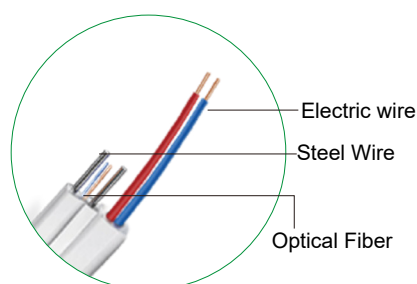
## GNT-05-2SM

- Single mode single core
- Steel wire 0.45mm\*2

## Product Features

- Waterproof insulation sheath
- Welding-Free Waterproof Optical Fiber

## Ports Description



## Specifications

|                                |                                                        |
|--------------------------------|--------------------------------------------------------|
| Model                          | GNT-05-2SM                                             |
| Product Type                   | 2-core optical fiber + 2*0.5mm <sup>2</sup> power cord |
| Fiber                          | Fiber type: G.652                                      |
|                                | Mode field diameter (1310nm): 9.3±0.5μm                |
|                                | Mode field diameter (1550nm): 10.5±1.0μm               |
|                                | Cladding diameter: 125.0 ± 1μm                         |
|                                | Coating diameter: 256 + 7μm                            |
|                                | Attenuation (1310nm): ≤0.34dB/km                       |
|                                | Attenuation(1550nm): ≤0.18dB/km                        |
|                                | Structure: Central beam tube                           |
| Conductor                      | Number of fibers: 2                                    |
|                                | Structure: Twisted copper                              |
|                                | Specification: 16/0.2BC                                |
|                                | Insulation Diameter: 1.8±0.05mm                        |
|                                | Sheath material: PE                                    |
| Armor layer material           | Steel wire 0.45mm*2                                    |
|                                | Sheath material                                        |
| Sheath material color          | White                                                  |
| Static minimum bending radius  | 10mm                                                   |
| Dynamic minimum bending radius | 20mm                                                   |
| Short-term tensile force       | 200N                                                   |
| Cable diameter                 | 7.5mm                                                  |
| Operating Temperature          | -40°C~70°C                                             |
| Certification                  | CE, FCC                                                |
| Warranty                       | Whole Device: 1 year                                   |