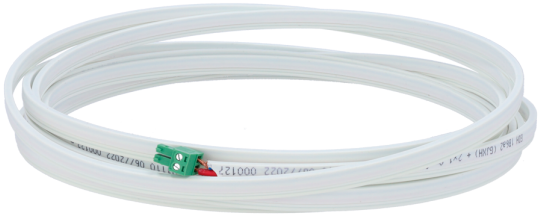
# RG-AWG0.5-2SM-305I

**Reyee**



## Features

- Reyee e-Lighten cable PoF
- Configuration with two optical fibers and two copper wires
- Low-loss single-mode silica fiber G.657A2
- Multi-strand flexible copper conductors of 0.2 mm² or 0.5 mm²
- Rated operating voltage of 150V
- Maximum optical attenuation of 0.36 dB/km at 1310 nm
- Flame-retardant performance according to GB/T standard 18380.12

## Specifications

| | |
|---|---|
| **Brand** | Reyee e-Lighten |
| **Cable Type** | Optical-Electrical Hybrid (PoF) |
| **Application** | Interior (Indoor) |
| **Rated Voltage** | 150V |
| **Expected Service Life** | ? 15 years |
| **Fiber Type** | Single-mode silica (G.657A2) |
| **Fiber Count** | 2 Cores |
| **Optical Attenuation** | ? 0.36 dB/km @1310 nm / ? 0.25 dB/km @1550 nm |
| **Max Resistance. Cond.** | 92.3 ?/km (0.2 mm²) / 39 ?/km (0.5 mm²) |
| **Resistance Insulation** | ? 0.013 M?·km |
| **Operating Temperature** | -20 °C to 70 °C |
| **Maximum Voltage Load.** | 200 N (Short term) / 100 N (Long term) |
| **Crush Resistance** | 1,000 N / 100 mm (Short term) |
| **Flame Spread** | Complete GB/T 18380.12 |
| **Environmental Protection** | RoHS 2.0 |