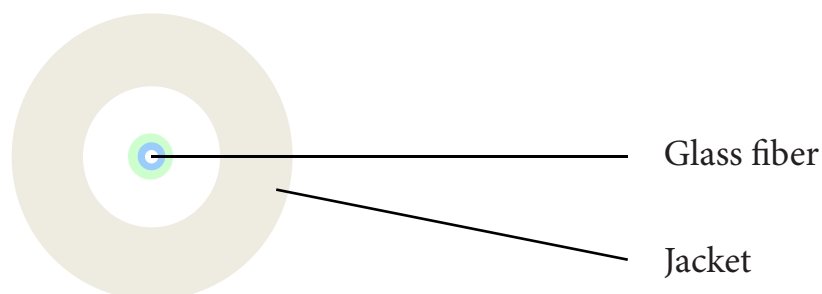




ANSEC

Invisible cable 0.9mm, Single mode G.657A2 PVC



Fiber Parameters

| Items | | Unit | Specification |
|--------------------------------------|-------------------------------------|---------------|-------------------------|
| | | | G.657A2 |
| Mode Field Diameter | 1310nm | μm | 8.8 ± 0.4 |
| | 1550nm | μm | 9.8 ± 0.5 |
| Cladding Diameter | | μm | 124.8 ± 0.7 |
| Cladding Non-Circularity | | % | ≤ 0.7 |
| Core-Cladding Concentricity Error | | μm | ≤ 0.5 |
| Coating Diameter | | μm | 245 ± 5 |
| Coating Non-Circularity | | % | ≤ 6.0 |
| Cladding-Coating Concentricity Error | | μm | ≤ 12.0 |
| Cable Cutoff Wavelength | | nm | $\lambda_{cc}\leq 1260$ |
| Attenuation(max.) | 1310nm | dB/km | ≤ 0.4 |
| | 1550nm | dB/km | ≤ 0.3 |
| Macro-Bending Loss | 1turn \times 7.5mm radius @1550nm | dB | ≤ 0.5 |
| | 1turn \times 7.5mm radius @1625nm | dB | ≤ 1.0 |

Cable Parameters

| Items | | Specifications |
|-------------|-----------|----------------|
| Fiber Count | | 1 |
| Glass fiber | Dimension | 250±50µm |
| | Material | Acrylic resin |
| | Color | Transparent |
| Jacket | Dimension | 850±50µm |
| | Material | PVC |
| | Color | Transparent |

Mechanical and Environmental Characteristics

| Items | Unite | Specifications |
|----------------------------|--------|----------------|
| Crush (Long Term) | N/10cm | 100 |
| Crush (Short Term) | N/10cm | 300 |
| Min. Bend Radius (Dynamic) | mm | 20D |
| Min. Bend Radius (Static) | mm | 10D |
| Installation Temperature | °C | -20~+60 |
| Operating Temperature | °C | -40~+70 |
| Storage Temperature | °C | -40~+70 |

