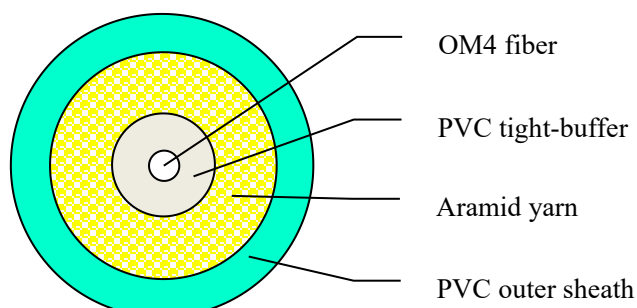


## 2.0mm Simplex Cable-1FO

### Cable Cross-section and Dimensions

(FIBER TYPE: OM4 FIBER COUNTS: 1)



### Cable Specification

| Cable Cores            |       | 1   |
|------------------------|-------|-----|
| No. of Fibers          |       | 1   |
| Tight Buffer Diameter  | mm    | 0.9 |
| Nominal Cable Diameter | mm    | 2.0 |
| Nominal Cable Weight   | Kg/km | 5   |

### Main Mechanical and Environmental Characteristics

| Test                | Test Standard    | Specified Value                 | Acceptance Criteria                          |
|---------------------|------------------|---------------------------------|----------------------------------------------|
| Tensile             | IEC 60794-1-2-E1 | Short term 80N<br>Long term 40N | $\Delta\alpha \leq 0.2\text{dB}$ , no damage |
| Crush               | IEC 60794-1-2-E3 | 500N/10cm                       | $\Delta\alpha \leq 0.2\text{dB}$ , no damage |
| Impact              | IEC 60794-1-2-E4 | 1J, R=300mm, 3points            | $\Delta\alpha \leq 0.2\text{dB}$ , no damage |
| Repeated Bending    | IEC 60794-1-2-E6 | R=20D, 300cycles                | $\Delta\alpha \leq 0.2\text{dB}$ , no damage |
| Torsion             | IEC 60794-1-2-E7 | 1m, $\pm 180^\circ$ , 20cycles  | $\Delta\alpha \leq 0.2\text{dB}$ , no damage |
| Temperature Cycling | IEC 60794-1-2-F1 | -20~+60°C, 2cycles, 8h          | $\Delta\alpha \leq 0.2\text{dB/km}$          |

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## Cabled Fiber Performance OM4

| Characteristics |         | Acceptance Value       |
|-----------------|---------|------------------------|
| Attenuation     | @850nm  | $\leq 3.5\text{dB/km}$ |
|                 | @1300nm | $\leq 1.5\text{dB/km}$ |

## Sheath Marking

The outer sheath is marked in 1 meter intervals as follows:

According to the customer's requirements

## Delivery Lengths

Standard delivery length will be 2 km.