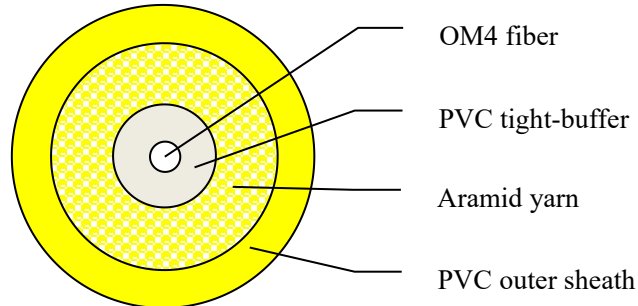


## 2.0mm Simplex Cable-1FO

### Cable Cross-section and Dimensions

(FIBER TYPE: OM4 FIBER COUNTS: 1)



### Cable Specification

<b>Cable Cores</b>		<b>1</b>
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

<b>Test</b>	<b>Test Standard</b>	<b>Specified Value</b>	<b>Acceptance Criteria</b>
Tensile	IEC 60794-1-2-E1	Short term 80N 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	$\Delta\alpha \leq 0.2\text{dB/km}$

---

## Cabled Fiber Performance OM4

Characteristics		Acceptance Value
Attenuation	@850nm	$\leq 3.5$ dB/km
	@1300nm	$\leq 1.5$ 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.