



- **Optoelectronic properties**

Fiber attenuation $\leq 0.2\text{dB/km}@1550\text{nm}$;

DC resistance $\leq 0.85\Omega/100\text{m}$ (4 wires combined, one-way); $1.7\Omega/100\text{m}$ (loop);

Insulation resistance $\geq 500\text{M}\Omega\cdot\text{km}$;

Rated voltage 1000V DC;

Current carrying capacity: long-term carrying capacity 3A, short-term carrying capacity 5A;

Withstand voltage DC 3000V 60s without breakdown.

- **Mechanical and environmental performance**

Unit length weight: 11g/m;

Minimum bending radius: 40mm;

Breaking tensile load: $\geq 1\text{kN}$;

Working temperature: $-55 \sim 155$.

