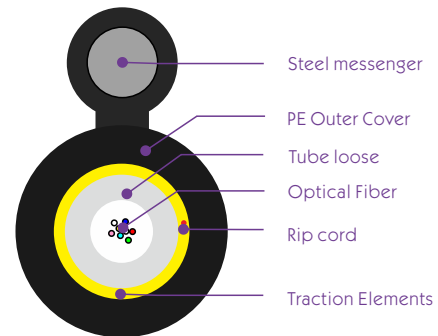




Fig.8 Loose Tube Drop Cable

Nominal Cable Dimension: $2.8 \pm 0.1\text{mm} * 4.6 \pm 0.1\text{mm} * 8.8 \pm 0.2\text{mm}$
PE Fibers: G.657.A1 / G.652.D (01 to 12)



Optical Characteristics

Item	Description
Optical fiber	@1310nm $\leq 0.35\text{dB/km}$; @ 1550nm $\leq 0.2\text{dB/km}$; G.657.A1 / G.652.D
Traction Element	Filaments of dielectric fibers (aramid)
Supporting Element	Steel wire with nominal diameter of 1.3 mm
Nominal dimension	$2.8 \pm 0.1\text{mm} * 4.6 \pm 0.1\text{mm} * 8.8 \pm 0.2\text{mm}$
Nominal tube diameter	2.5mm
Outer sheath thickness	$0.85 \pm 0.1\text{mm}$
Nominal linear weight	$41 \pm 2\text{kg/km}$
External Cover	HDPE
Standard Length	1000m or 2000m
Kind of packing	Wooden bobbin
Operating Temperature	$-20 \sim +65^{\circ}\text{C}$
Maximum operating load (CMO)	1250N
Maximum long-term load (EDS)	500N
Minimum radius of curvature during installation	150mm
After installation	75mm
Self-sustaining Fiber Optics	Optical Drop for 80 m spans

Standard

✓ ITU-T Rec. G.657A	IEC 60794	GR-409
ISO9001	ICEA-596	YD/T 1997-2009