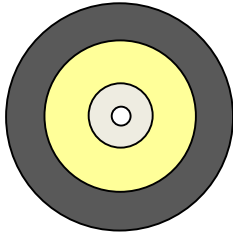


## Drop Cable Specification

### Cable Design

*Optical Fiber Cable-Dielectric-Single Sheath-G.657A2Fiber*



- **Inner Sheath:** thermoplastic, with 1 or more fibers inside
- **Reinforcement Members:** aramid yarns between inner and outer sheath
- **Outer Sheath:** TPU, Black

### Cable Specification

Number of fiber		1	2	4	8	12	16	24
Nominal Cable Diameter	mm	3	3	3.3	3.6	3.6	3.9	4.1
Cable Weight	kg/km	9	9	10	12	12	14	17
Tension MAX	N	180					220	
Crush	N/10cm	500						

### Cable Application

Temperature Range		Minimum Bend Radius	
Storage	-30~+60°C	Load	20×D
Operation	-30~+60°C	Unload	10×D

### Main Mechanical and Environmental Characteristics

Test	Test Standard	Specified Value	Acceptance Criteria
Tensile	IEC 60794-1-2-E1	Tension, 10min	△α reversible
Crush	IEC 60794-1-2-E3	Crush/10cm, 1min	△α reversible
Impact	IEC 60794-1-2-E4	1J, R=300mm	△α reversible
Temperature Cycling	IEC 60794-1-2-F1	-30~+60°C, 2cycles	△α reversible

### Cabled Fiber Performance (G.657A2)

Characteristics		Acceptance Value
Attenuation	@1310nm	≤0.35dB/km
	@1550nm	≤0.22dB/km

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## Fiber & Tube Color

### Color Identification of Fiber

Number	1	2	3	4	5	6	7	8	9	10	11	12
Color	Red	Green	Blue	White	Violet	Orange	Grey	Yellow	Brown	Pink	Black	Aqua

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## Sheath Marking

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

According to Customer's Requirements

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## Delivery Lengths

Standard delivery length will be 1 or 2km.