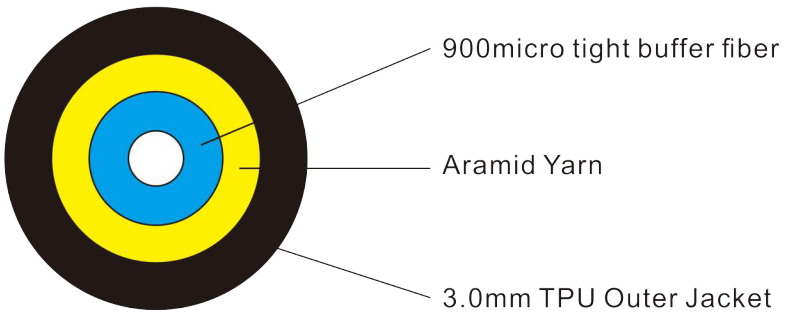
3.0mm TPU Jacket Drop Cable



Fiber Parameters

No.	Items		Unit	Specification
				Corning G.657A2
1	Mode Field Diameter	1310nm	μm	8.6±0.4
		1550nm	μm	9.6±0.5
2	Cladding Diameter		μm	125±0.7
3	Cladding Non-Circularity		%	=0.7
4	Core-Cladding Concentricity Error		μm	=0.5
5	Coating Diameter		μm	245±5
6	Coating Non-Circularity		%	=6.0
7	Cladding-Coating Concentricity Error		μm	=12.0
8	Cable Cutoff Wavelength		nm	λ_{cc}=1260
9	Attenuation(max.)	1310nm	dB/km	=0.35
		1550nm	dB/km	=0.2
10	Macro-Bending Loss	1turn×7.5mm radius @1550nm	dB	=0.4
		1turn×7.5mm radius @1625nm	dB	=0.8

Cable Parameters

Items		Specifications
Fiber Count		1
Tight-buffered Fiber	Dimension	0.9mm±0.05mm
	Material	LSZH
	Color	Red Or Others
Outer Jacket	Dimension	3.0mm±0.1mm
	Material	TPU
	Color	Black

Mechanical and environmental parameters

Items	Unite	Specifications
Tension（Long Term）	N	100
Tension（Short Term）	N	200
Crush（Long Term）	N/10cm	100
Crush（Short Term）	N/10cm	500
Min. Bend Radius（Dynamic）	mm	20D
Min. Bend Radius（Static）	mm	10D
Installation Temperature	℃	-20~+60
Operating Temperature	℃	-40~+85
Storage Temperature	℃	-40~+70
Temperature Cycling	℃	-40~+70