


**TIGHT BUFFER 0.9mm.**

### Feature

- Excellent flexibility and bendability
- The strippability can be customized
- Different fiber and material types can be available

### Application

- Basic units of indoor cable
- Data transmission
- Pigtail and patchcord in the communication equipment's

### LINK fiber optic cable in accordance with

ANSI/TIA-568.3-D  
ANSI/TIA/EIA-568-B.3  
ITU-T G.652D&G.657A (Singlemode)  
LSZH

ISO/IEC 11801:2011  
ISO/IEC 11801:2017  
EN 50173-1  
RoHS Compliant

### ORDER INFORMATION

TIGHT BUFFER 0.9mm.

Descriptions	P/N
F.O. Simplex Tight Buffer 0.9mm, 1C, OS2, SM, 9/125 $\mu$ m	UFC9201B

### Structure & Material

Item	Material
Fiber	G.652D & G.657A
Tight buffer	LSZH (Low Smoke Zero Halogen)
Color	Yellow

### Cable Property

Cable type	Diameter (mm)	Strippability (N)	Tensile strength*		Crush resistance*		Bending radius	
			Long term (N)	Short term (N)	Long term (N/100mm)	Short term (N/100mm)	Static (mm)	Dynamic (mm)
$\Phi$ 0.9 mm	0.9 $\pm$ 0.05	$\leq$ 13.3	3	10	20	100	30	60

\*Long term: The increase in attenuation  $\leq$  0.05 dB (During & after the test);  
Short term: The increase in attenuation  $\leq$  0.05 dB (After the test).

### Fiber Characteristic

Fiber type	Attenuation		Cladding diameter	Outer coating diameter (Uncolored)
	1310nm	1550nm		
	(dB/km)			( $\mu$ m)
G.652D	$\leq$ 0.35	$\leq$ 0.20	125 $\pm$ 0.5	245 $\pm$ 10

### Environmental Performance

Transportation & Storage	Installation	Operation
-40°C — +75°C	-20°C — +70°C	-20°C — +70°C