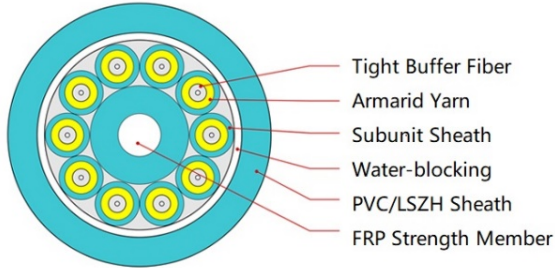


## Indoor Breakout Fiber Optic Cable GJFJHV



Order Code **GJFJHV, 2 - 12 fibers**

### Features:

- Excellent tensile strength ensured by stranded FRP strength member structure
- Aramid yarn as additional strength member providing good tensile strength

### Application

- Indoor cable distribution
- Backbone cable distribution in a building

Maxwellon TF-3602 series indoor breakout cable (GJFJHV) use  $\phi 2.0\text{mm}$  simplex cable ( $\phi 900\mu\text{m}$  tight buffer, aramid yarn as strength member) as subunits. The subunits are stranded around a FRP central strength member. The cables are completed with a PVC or LSZH jacket.

### Standards:

TF-3602 series indoor breakout cable (GJFJHV) complies with YD/T1258.4-2009, ICEA-596, GR-409 and IEC794 standards

### Fiber Optic Characteristics

Parameters		Specifications			
Fiber Type		G.652	G.655	G651A1 50/125 $\mu\text{m}$	G651A1b 62.5/125 $\mu\text{m}$
Attenuation (+20 ° C)	@850nm	/	/	$\leq 3.0\text{dB/km}$	$\leq 3.0\text{dB/km}$
	@1300nm	/	/	$\leq 1.0\text{dB/km}$	$\leq 1.0\text{dB/km}$
	@1310nm	$\leq 0.36\text{dB/km}$	/	/	/
	@1550nm	$\leq 0.22\text{dB/km}$	$\leq 0.23\text{dB/km}$	/	/
Bandwidth (Class A)	@850	/	/	$\geq 500\text{MHZ}\cdot\text{km}$	$\geq 500\text{MHZ}\cdot\text{km}$
	@1300	/	/	$\geq 1000\text{MHZ}\cdot\text{km}$	$\geq 600\text{MHZ}\cdot\text{km}$
Numerical aperture				$0.200 \pm 0.015\text{NA}$	$0.275 \pm 0.015\text{NA}$
Cable cut-off wavelength		$\leq 1260\text{nm}$	$\leq 1480\text{nm}$		

### Cable Specifications

Fiber Count	Subunit Dia.(mm)	Cable Dia.(mm)	Cable Weight Kg/km	Tensile Strength(N) long/short term	Crush Resistance(N) long/short term	Bending Radius (mm)
2	2.0	$7.0 \pm 0.5$	45	500/1000	400/800	30D/15D

4	2.0	7.0±0.5	45	500/1000	400/800	30D/15D
6	2.0	8.3±0.5	62	500/1000	400/800	30D/15D
8	2.0	9.4±0.5	85	500/1000	400/800	30D/15D
10	2.0	10.7±0.5	109	500/1000	400/800	30D/15D
12	2.0	12.2±0.5	140	500/1000	400/800	30D/15D

#### Environmental characteristics

Specification	Parameters
Transport temperature	-20 ° C ~ +60 ° C
storage temperature	-20 ° C ~ +60 ° C
Installation temperature	-5°C~+50°C
Operating temperature	-20 ° C ~ +60 ° C

#### Ordering Information:

TF-3602 series indoor breakout cable (GJFJHV), B-type; SM 9/125um, G652D; 2-12 fibers; 2.0mm PVC subunit jacket; PVC/LSZH outer jacket

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