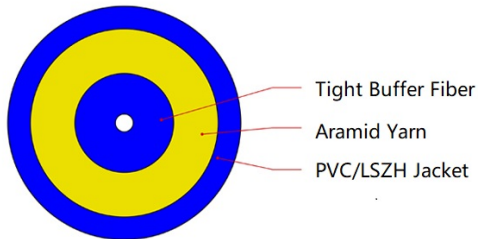


Fiber Optic Patch Cable



Order Code

Patch Cable

Features:

- Excellent stripping performance of tight buffer fiber
- Suitable for SM fiber and MM fiber (50μm and 62.5μm)

Application

- Fiber optic patchcord or pigtails

Maxwellon TF-3604 series simplex/duplex fiber optic patch cable uses φ600 or 900μm tight buffer fiber as optical communication medium. The tight buffer fiber is wrapped with a layer of aramid yarn as strength member. The cable is completed with PVC or LSZH jacket.

Standards:

TF-3604 series simplex/duplex fiber optic patch cable complies with YD/T1258.2-2003, ICEA-596, GR-409, IEC794 and other standards;

Fiber Optic Characteristics

| Parameters | | Specifications | | | |
|--------------------------|---------|----------------|------------|----------------------|-------------------------|
| Fiber Type | | G.652 | G.655 | G651A1 (50/125um) | G651A1b (62.5/125um) |
| Attenuation (dB/km) | @850nm | | | ≤3.0dB/km | ≤3.0dB/km |
| | @1300nm | | | ≤1.0dB/km | ≤1.0dB/km |
| | @1310nm | ≤0.36dB/km | -- | | |
| | @1550nm | ≤0.22dB/km | ≤0.23dB/km | | |
| Bandwidth (MHz.KM) | @850 | | | ≥500MHZ • km | ≥500MHZ • km |
| | @1300 | | | ≥1000MHZ • km | ≥600MHZ • km |
| Numerical aperture | | | | 0.200 ± 0.015NA | 0.275 ± 0.015NA |
| Cable cut-off wavelength | | ≤1260nm | ≤1480nm | | |

Cable Specification

| Parameters | Specification | | |
|----------------|---------------|------------|-----------|
| Cable Type | SXC-III | SXC-II | SXC-I |
| Cable diameter | 2.8±0.2mm | 2.0±0.2mm | 1.6±0.2mm |
| Cable weight | 6.9kg / km | 5.9kg / km | 4.0kg/km |

| Tight sleeve fiber diameter | | 900±50μm | 900±50μm | 600±50μm |
|-----------------------------|------------|------------|------------|------------|
| Tensile Strength (N) | Long Term | 80N | 60 | 50 |
| | Short Term | 150N | 120 | 100 |
| Crush Resistance(N) | Long Term | 100N/100mm | 100N/100mm | 100N/100mm |
| | Short Term | 500N/100mm | 500N/100mm | 500N/100mm |
| Bending Radius (mm) | Dynamic | 20XD | 20XD | 20XD |
| | Static | 10XD | 10XD | 10XD |

Ordering Information:

TF-3604 series **simplex/duplex** fiber optic patch cable, SM 9/125um, G652D,(Other fiber available, too), **1.8mm/2.0mm/2.4mm/3.0mm cable**, **PVC/LSZH** jacket

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