



**Fiber Optic Patch Cable Spec  
62.5/125 Multimode Fiber Jumper**

### Optical Specs

Connector Type	ST	SC	MT-RJ	FC	LC
Insertion Loss	≤ 0.3 dB	≤ 0.3 dB	≤ 0.7 dB	≤ 0.3 dB	≤ 0.3 dB
Return Loss	≥ 25 dB	≥ 25 dB	≥ 25 dB	≥ 25 dB	≥ 25 dB
Operating Temp.	-40°C to + 80°C	-40°C to + 80°C	-40°C to + 80°C	-40°C to + 80°C	-40°C to + 80°C

### Part Number Scheme

Ex. 791414241001M

79	14	14	24	1	001	M	-GR
<i>Fiber Cable</i>	<i>ST</i>	<i>ST</i>	<i>Multimode</i>	<i>Riser (PVC)</i>	<i>1</i>	<i>Meters</i>	<i>Green</i>
<b>Type</b>	<b>Connector A</b>	<b>Connector B</b>	<b>Glass Rating</b>	<b>Jacket Rating</b>	<b>Length</b>	<b>Length U/M</b>	<b>Jacket Color*</b>

#### Variables:

- **Connector Types:** 14 = ST, 15 = SC, 16 = MT-RJ, 17 = FC, 18 = LC
- **Glass Rating:** 24 = Multimode 62.5/125, 10G (remove one zero from length) = Multimode 10GB 50/125, 83 = Singlemode 9/125
- **Jacket Rating:** 1 = Riser (PVC), 2 = Plenum, 3 = Low-Smoke Zero-Halogen
- **Length U/M:** M = Meters, F = Feet
- **Jacket Color:** BK = Black, BL = Blue, GR = Green, PL = Purple, RD = Red
- *Please note: ST, SC patch cables have a 3.0mm jacket and MT-RJ, LC small-form factor patch cables have a 2.0mm jacket.*

\*Standard Jacket Colors are: Orange (Multimode 62.5/125), Aqua (Multimode 10 Gig 50/125), Yellow (Singlemode 9/125)

### Packaging Specs

#### Individual Cables:

- 4-6 " inner diameter coil with Velcro tie wraps
- Clear 4mm Ziploc™-style plastic bag
- 2 labels: 1) Branding (LightWave logo, etc), 2) Testing specs, data of manufacture, P/N and desc
- Spec label gives range of acceptance for Insertion Loss and Return Loss

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Limited Lifetime Warranty