

Fibre Optic Multimode OM1 Patch Cables (62.5-/125- $\mu$ m)

Premier fibre patch  
cords for high  
performance



## FEATURES

- » SC, LC, ST, and MT-RJ connectors.
- » Low smoke zero halogen (LSZH) cable.
- » 900µm/600µm tight buffer.
- » Conforms to ITU-651, TIA/EIA 492AAAA.
- » Simplex and duplex assemblies.
- » Different connector performance range for specific application.
- » **Warranty** — 1 Year.

## OVERVIEW

Black Box multimode patch cables are used to connect high speed and legacy networks like Gigabit Ethernet, Fast Ethernet and Ethernet. The multimode patch cables are manufactured using LSZH cables which conform to IEC, EIA/TIA and Telecordia standards. The OM1 patch cables are terminated with standard Black Box connectors which give optimum optical performance.

## TYPICAL APPLICATIONS:

- Gigabit Ethernet in high speed LAN network over an indicative 275m link length at 850 nm (SX) wavelength.
- Legacy networks including Ethernet, Fast Ethernet and FDDI.
- Data Centres.
- Premise cabling in data networks including backbone, riser and horizontal.
- Supports video, data and voice services.

## TECH SPECS

Bend Radius (Minimum) — 40 mm  
Cable Size — 2.8 mm  
Cable Type — Low Smoke Zero Halogen  
Crush (N) — 1000  
Strength Member — Aramid  
Durability — 1000 mating cycles, cleaning after every 25: ≤ 0.2 dB change.  
Fibre Type — Multimode 62.5/125 µm (OM1)  
Flamability — IEC 60332-1 compliant  
Insertion Loss — < 0.3 dB (< 0.5 dB for MT-RJ)  
Operating Temperature — -20°C to + 60°C

Item	Code
Fibre Optic Multimode OM1 Patch Cables (62.5-/125-µm)	
LC—LC Duplex	EFE070-0XXM
LC—SC Duplex	EFE071-0XXM
LC—ST Duplex	EFE072-0XXM
ST—ST Duplex	EFE073-0XXM
ST—SC Duplex	EFE074-0XXM
SC—SC Duplex	EFE075-0XXM
MT-RJ—MT-RJ Duplex	EFE076-0XXM
MT-RJ—ST Duplex	EFE077-0XXM
MT-RJ—SC Duplex	EFE078-0XXM
LC—MT-RJ Duplex	EFE079-0XXM

◆ Available in the following standard lengths: 1m, 2m, 3m, 5m, 10m, 15m and 20m. Other lengths available on request.