

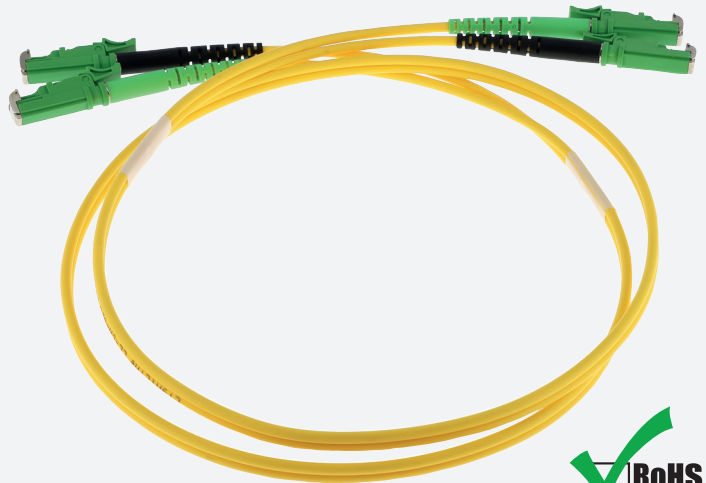


## SINGLEMODE OS2 E2000/APC DUPLIX PATCHCORDS

Thanks to a stringent quality policy & individual inspection/testing of each manufactured piece. GIGAMEDIA patchcords offer a high level of performance. Each patchcord is packaged individually and delivered with a unique serial number & individual IL/RL test report.

### COMPLIANCE

- ▶ IEC 61754-14; Bellcore/Telcordia GR-326; EIA/TIA 604-3
- ▶ EIA/TIA 568; ISO/IEC 11801 2nd Ed. EN 50173; ITU-T G652D; ITU-T G652B
- ▶ IEEE 802.3



### MECHANICAL PROPERTIES

<b>Connector body</b>	plastic
<b>Ferule surface</b>	convex
<b>Core diameter</b>	9.2 ± 0.4 µm
<b>Cladding diameter</b>	125 ± 1.0 µm
<b>Cladding non-circularity</b>	≤ 1.0 %
<b>Core/cladding concentricity error</b>	≤ 0.6 µm
<b>Ferule material</b>	ceramic [ZrO <sub>2</sub> ] inner diameter 126 µm
<b>Polishing method</b>	APC

### CABLE MECHANICAL PROPERTIES

<b>Construction</b>	semi-tight buffer
<b>Reinforcement</b>	aramid yarns
<b>Jacket diameter</b>	2.8 mm
<b>Tensile strength</b>	permanent 250 N installation 450 N
<b>Crush resistance</b>	2000 N/dm
<b>Min. bending radius</b>	40 mm
<b>Operating temp.</b>	-5 °C to +60 °C
<b>Outer sheath material</b>	LSOH
<b>Outer sheath colour</b>	yellow

### OPTICAL PROPERTIES

#### G657B3

<b>Typical loss</b>	≤ 0.39 dB/km (1310-1625 nm) ≤ 0.25 dB/km (1550 nm)
<b>Chromatic dispersion</b>	≤ 6 ps/nm <sup>2</sup> *km (1270-1324 nm) ≤ 18 ps/nm <sup>2</sup> *km (1550 nm)
<b>Typical insertion loss</b>	≤ 0.2 dB
<b>Typical return loss</b>	≥ 60 dB
<b>Mating cycles</b>	≥ 1000 (variation 0.2 dB)

### PART NUMBER

### DESCRIPTION

<b>GGM D3ME2APC1M</b>	E2000/APC to E2000/APC singlemode OS2 duplex patchcord – 1 m
<b>GGM D3ME2APC2M</b>	E2000/APC to E2000/APC singlemode OS2 duplex patchcord – 2 m
<b>GGM D3ME2APC3M</b>	E2000/APC to E2000/APC singlemode OS2 duplex patchcord – 3 m
<b>GGM D3ME2APC5M</b>	E2000/APC to E2000/APC singlemode OS2 duplex patchcord – 5 m