



OM-Giga-B040

Gradient-Index Plastic Optical Fiber

OM-Giga is a poly(methyl methacrylate)-based GI-POF for high-speed short-distance data-communication applications. It does not contain any refractive-index modifying dopant, and has excellent mechanical properties and thermal stability.

Property	B-040	Remarks
Fiber Diameter (core)	0.40 (0.25) mm	
Variation of Fiber Diameter	$\pm 5\%$	95% confidence interval
Type of cable	Bare fiber	
Tensile Strength	> 12 N	at break
Bending Radius	0.5 mm	360° turn
Operating Temperature	-30 ~ 70 °C	
Attenuation at 650 nm	< 240 dB/km	Measured by OTDR
Bandwidth	> 10 Gbps	at < 10 m

Recommended for short-distance applications less than 10 m although its application length may vary depending on the Tx-Rx used.

For additional information, please contact us at

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