



OM-Giga-SE100

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	SE-100	Remarks
Fiber Diameter (core)	1.0 (0.9) mm	
Variation of Fiber Diameter	$\pm 5\%$	95% confidence interval
Jacket Diameter	2.2 mm	
Variation of Jacket Diameter	$\pm 5\%$	
Jacket Material	Polyethylene	Black or blue
Type of cable	Simplex	
Tensile Strength	> 70 N	at break
Bending Radius	25 mm	
Operating Temperature	-30 ~ 70 °C	
Attenuation at 650 nm	< 200 dB/km	Measured by OTDR
Bandwidth	> 3.0 Gbps	at 50 m

For additional information, please contact us at

Optimedia, Inc.
204 Byuksan Technopia, 560 Dunchon-daero, Jungwon-gu,
Seongnam-si, Gyeonggi-do, 13230, Korea

Tel : +82-31-737-8151 Fax : +82-31-737-8150
e-mail: cwpark@omgiga.com (cwpark14@gmail.com)