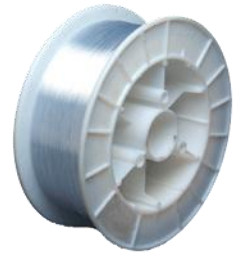


GAIAGRID BS-100



Gradient-Index Plastic Optical Bare Fiber

GAIAGRID is a poly(methyl methacrylate)-based SI-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.

Specification

| Parameter | Unit | B-100 | Remarks |
|-----------------------------|-------|--------|-----------|
| Fiber Diameter (Core) | mm | 1.00 | |
| Variation of Fiber Diameter | % | ±5 | |
| Tensile Strength | N | >70 | at break |
| Bending Radius | mm | 25 | |
| Operating Temperature | °C | -30~60 | |
| Attenuation | dB/km | <200 | at 650 nm |

Recommended for short-distance applications less than 50m although longer distance is possible depending on the Tx-Rx used