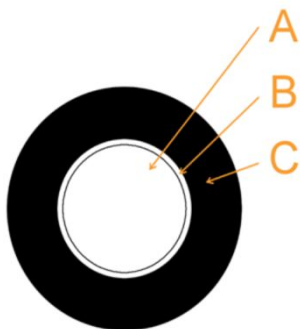


LiteWIRE Simplex Anti UV

Plastic fiber cable with anti-UV filters

DATASHEET



- A) Core: Polymethylmethacrylate (PMMA) 980um
 B) Cladding: 20 um fluorinated polymer
 C) Jacket: M1 quality, self-lubricating low friction High-density polyethylene (HDPE) with anti-UV additives

Plastic fiber	SI-POF (980/1000)
Numerical Aperture (NA)	0.46+-0.025
Max. attenuation@525nm/@650nm	100dB/db/km 150dB/km
Bandwidth	30MHz on 100m
Diameter of plastic fiber: bare/jacketed	1mm/2,2mm ± 0,1mm
Min. bending radius	20mm at 25 °C
Jacket	PE-HD M1 black Anti UV (UV resistance to sunlight complies with: UL1581 section 1200, UL 2556, ISO 4892-2, EN50289-4-17 and ASTM D 2565 LSZH (Low Smoke Zero Halogen))
Weight	6kg/km
Max. tensile load	65N a 25 °C
Operating temperature	-40 °C +85 °C
Immunity to EMI/RFI	Total