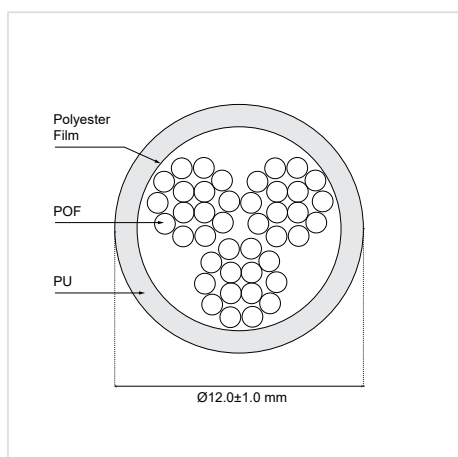


42×1.0mm CORES TWISTED SIDE GLOW FIBER CABLE

SKU: O2020101-002



BRAND

BRAND: Mitsubishi

PLASTIC OPTICAL FIBER

CORE MATERIAL: Polymethyl methacrylate
 CLADDING MATERIAL: Fluorinated Polymer
 CORE REFRACTIVE INDEX: 1.49
 CLADDING REFLECTIVE INDEX: 1.41
 REFRACTIVE INDEX PROFILE: Step Index
 NUMERICAL APERTURE: 0.5±0.05
 CORE DIAMETER: 980±60 µm
 CLADDING DIAMETER: 1000±60 µm
 CORES NUMBER: 42 cores

REFLECTING FILM

MATERIAL: Polyester film

JACKET

MATERIAL: Transparent PVC
 DIAMETER: 12.0±1.0 mm
 COLOR: Transparent

PHYSICAL CHARACTERISTICS

UNIT WEIGHT: 97 g/m
 SPOOL LENGTH: 100 m/Roll

CERTIFICATION

CERTIFICATION: ROHS, REACH (Pass: ROHS, REACH)

OPTICAL PERFORMANCE

OPTICAL ATTENUATION (650 nm): ≤ 17 dB / 100 m
 TEST CONDITIONS: T = 25 °C
 BANDWIDTH: ≥ 10 MHz · 100 m

OPTICAL PERFORMANCE

OPERATING TEMPERATURE (STORAGE & USE): -55 °C to +85 °C
 RECOMMENDED OPERATING TEMPERATURE: -40 °C to +70 °C
 INSTALLATION TEMPERATURE: -20 °C to +70 °C
 OPTICAL PERFORMANCE DEGRADATION: None