



Step index plastic optical fibre. This fibre provides optimum performance at 650 nm. Suitable to use in short distances, industrial environments and low speed data transmission.

These fibres are available in two grades, Standard and Premium. The Premium Grade offers lower attenuation coefficient for improved transmission.

STANDARD	
GENERAL PARAMETERS	VALUES
Core Material	Polymethyl Methacrylate
Cladding Material	Fluorinated Polymer
Index Profile	Step Index
Diameter (mm)	1.0 ± 0.06
Attenuation (650 nm)	≤ 0.20 dB / m
Numerical Aperture	0.50
Bending Radius	> 20 mm
Temperature Range	-40 °C - +70 °C

PREMIUM	
GENERAL PARAMETERS	VALUES
Core Material	Polymethyl Methacrylate
Cladding Material	Fluorinated Polymer
Index Profile	Step Index
Diameter (mm)	1.0 ± 0.06
Attenuation (650 nm)	≤ 0.15 dB / m
Numerical Aperture	0.50
Bending Radius	> 20 mm
Temperature Range	-40 °C - +70 °C

Optical specifications for uncabled fibre