

Radiation resistant fibers

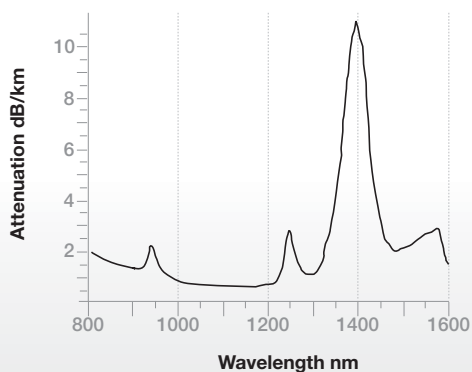
SMPS Series



OXFORD ELECTRONICS

Manufacture and supply of specialised optical fibers

This single mode fiber has a pure silica core unlike telecommunication types that use doped silica. Pure silica resists radiation damage much better than doped silica and so this fiber should be used by those wishing to use single mode fiber in an environment where radiation is present. It is suitable for 1300 and 1550 nm wavelengths.



Core diameter

9 μm

Cladding diameter

125 μm

Cut-off wavelength

1150 nm

Coating material

Acrylate

N.A.

0.11

Radiation resistant fiber with pure silica core is now available for 400 nm.

High temperature versions of these types are also available with the new CuBALL high temperature coating.

Ordering information

SMPS 1300-125 P

