

RightWave EDF Portfolio Overview

The RightWave EDF portfolio has a broad EDF product line as each fiber type is optimized for different applications. The tables below presents an overview of our various fiber types.

RightWave EDF for C-Band			
Fiber Type	Part Number	Description and Benefits	Application
GP980	22904	A general purpose fiber designed for a wide range of applications, including single-stage, single-channel, narrow bandwidth and metro amplifiers, where tight lot tolerances and full blown characterization are not necessary.	CATV, DWDM, Single-stage Amplifiers
MP980	27299	A medium power fiber designed for many configurations of EDFAs. It can be used as a single-stage amplifier fiber at higher than 100mW pump powers. The most popular fiber type used in EDFA design, due to a well-balanced combination of broadband gain, gain flatness, bend loss and noise figure.	CATV, DWDM, Single-stage Pre-amplifier and Multi-stage Amplifiers
MP980-II	61376	A new high efficiency fiber designed for a wide range of pump powers up to 600mw. This fiber has a lower noise figure with better transient response time	CATV, DWDM, Single-stage, Pre-amplifier and Multi-stage Amplifiers
HP980X	61378	All the high power fiber characteristics with a higher cutoff wavelength resulting in higher efficiency.	CATV, DWDM, Multi-stage Amplifiers
HE980	61380	A high efficiency fiber designed for low to medium pump powers ranging up to 500mW, optimized for pre-amplifier stage in a multi-stage amplifier due to low noise figure with moderate gain. The high NA allows for a smaller bend radius.	CATV, DWDM, Single-stage, Pre-amplifier stage and Multi-stage Amplifiers
R37003X	27270	A high efficiency fiber designed for pump powers in the range 25-300mW. This product has a broad gain profile, excellent spectral reproducibility and bath-to-batch uniformity, supported by precision characterization in a real DWDM amplifier setup. The fiber is designed for improved splice performance for low splice loss.	CATV, DWDM, Optical Amplifiers, Splicing applications

OFS has a corporate heritage in EDF going back to 1989. With over 20,000 kilometers shipped in the past ten years alone, OFS' market-leading fibers are the desired choice for amplifier designs deployed throughout the world.