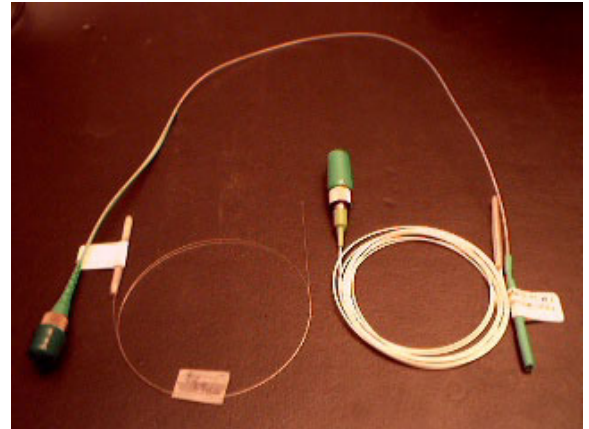


Compact Fiber Mirror

Key design features include:

- Compact, robust *broadband fiber-mirror* with low insertion and polarization dependant losses
- Made from primary-coated single mode fiber
- Operating temperatures –10.....+65°C
- Small size and can be coiled
- High stability



All-fiber broadband mirrors (FM-1x) are designed and calibrated to operate within wavelength range of:

- 900-1150 nm (model FM-1a)
- 1250-1400 nm (model FM-1b)
- 1500-1590 nm (model FM-1c)
- 1250-1680 nm (model FM-1d)

Specifications:

Description	FM-1a	FM-1b	FM-1c	FM-1d	Unit
Operating wavelength range*	900-1150	1250-1400	1500-1680	1250-1680	nm
Maximum optical power	15	15	15	15	dBm
Length	10-150				cm
Polarization dependant loss	0.3	0.5	0.2	0.5	dB
Reflectivity	~0.95	~0.95	~0.99	~0.95	-
Min radius of fiber coils	5				cm
Fiber type**	Corning Hi-1060		Corning smf-28		
Operating temperature	From –10 to +65				°C

* Other wavelengths and reflectivity (0.03-0.99) can be made on request.

** Other fiber types are available