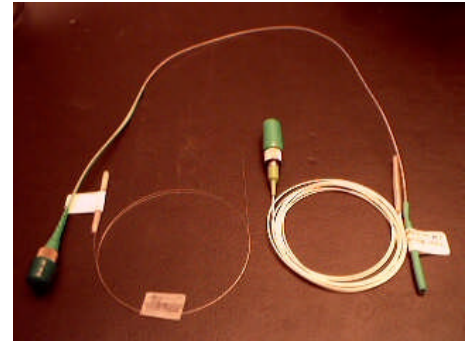


Model: FM-1x

Compact optical fiber reflector (fiber mirror)

Key design features include:

- Compact *broadband fiber-mirror with low insertion and polarization dependant losses*
- Operating temperatures -10 to +65°C
- Good stability
- Can be coiled



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)

FM-1x fiber reflector is comprised of primary-coated or secondary coated single mode fiber and can be spliced or connected using “quick splice” to the optical setup. Fiber mirrors FM-1x can be coiled (min. coil diameter is ~5 cm) to occupy small space.

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	22	23	23	23	dBm
Length	10-150				cm
Polarization dependant loss	0.3	0.5	0.2	0.5	dB
Reflectivity	~0.9	~0.9	~0.9	~0.9	-
Min radius of fiber coils	5				cm
Fiber type**	Corning Hi-1060, Hi-980	Corning smf-28			
Operating temperature	From -10 to +65				°C

* Other wavelengths and reflectivity (0.03-0.95) can be made on request.

** Other fiber types are available

ALL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE. PRODUCT MAY VARY FROM PHOTOGRAPH.