

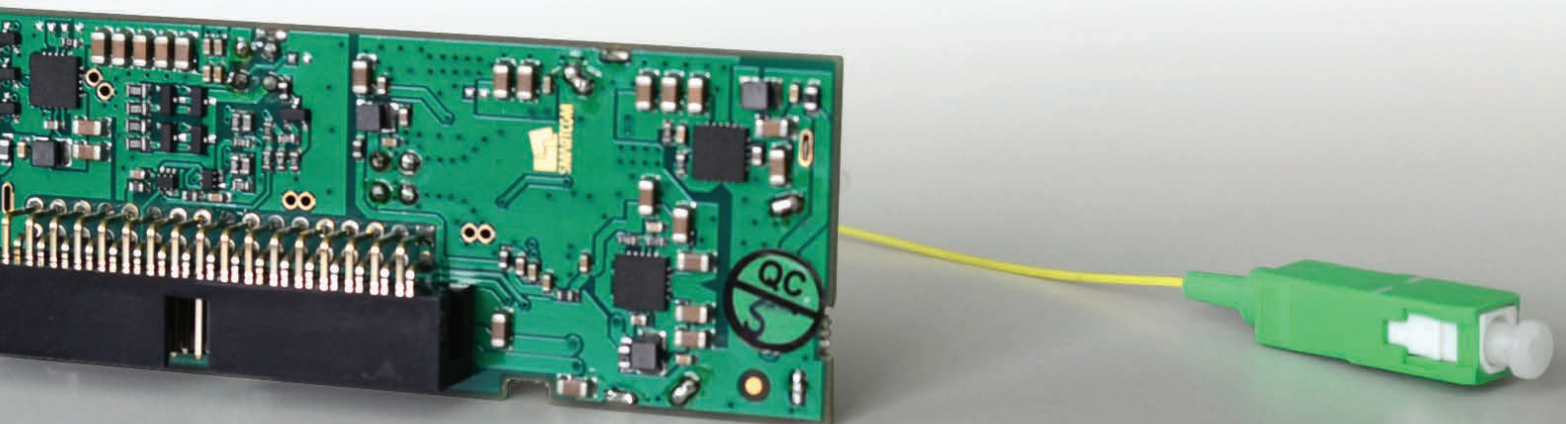


## MFOLR

# Fiber optic long range module **UP TO 120KM**

Mondis MFOLR Plug-In module that extends the capabilities of the Mondis system in terms of up to 120 km optical fiber integrity, degradation and attenuation changes monitoring.

The MFOLR Plug-In module can be installed into any available position within the Mondis base unit.





# Mondis

## MFOLR

### Fiber optic long range module

#### DARK FIBER MONITORING

Optical route with dark fiber control  
UP TO **120KM**



MONDIS CONTROL DEVICE  
WITH FO MODULE

OPEN END FOR REFLECTION  
SC/UPC

#### ACTIVE FIBRE MONITORING

Optical route with active fiber control  
UP TO **120KM**



MONDIS CONTROL DEVICE  
WITH FO MODULE

OPEN END FOR REFLECTION  
SC/UPC

OPTICAL PARAMETERS		MIN	TYP	MAX	UNIT
Wavelength, TX			1550/1625/1650		nm
Pulse emitted power	(Note 1,2)	30		60	mW
Dynamic range				36	dB
Monitoring distance	(Note 3,4)			120	km
Connector	(Note 3)		SC/APC		
ELECTRICAL PARAMETERS					
Supply voltage				12	VDC
Power consumption			700		mW
PHYSICAL PARAMETERS					
Dimensions			110 x 34 x 18		mm

Note 1: Pulse width 10  $\mu$ s, duty cycle 1%

Note 2: Depends on the wavelength

Note 3: Far end of the monitored fiber should be SC/UPC for maximum reflection

Note 4: SNR=1; Fiber loss less than 0.3 dB/km; 20  $\mu$ s pulse width; acquisition time 3min