

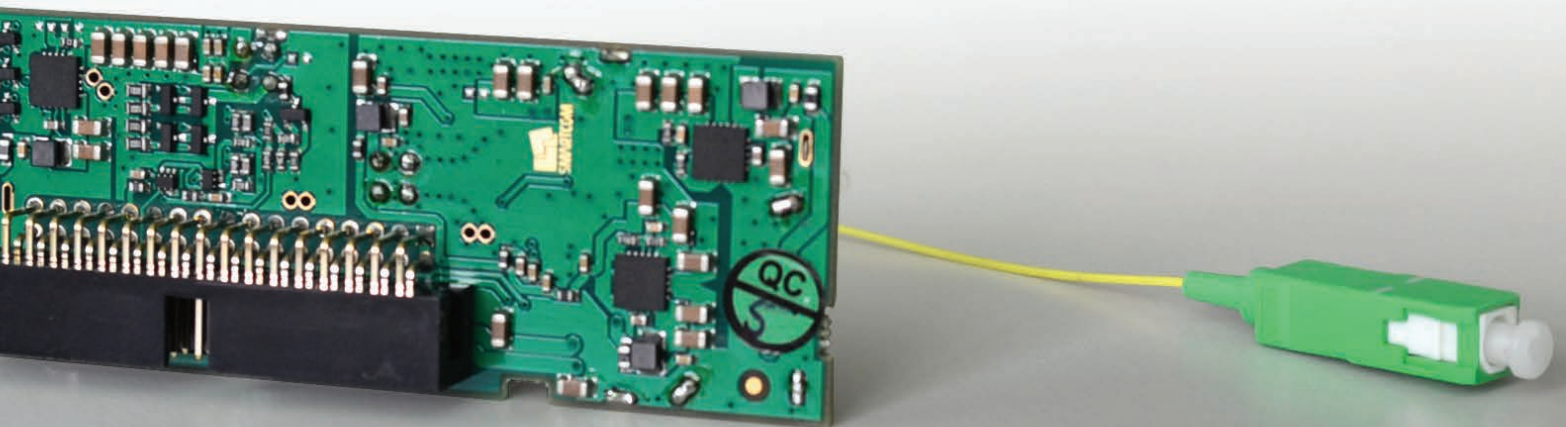


## MFOSR

# Fiber optic short range module **UP TO 12KM**

Mondis MFOSR Plug-In module that extends the capabilities of the Mondis system in terms of up to 12 km optical fiber integrity degradation and attenuation changes monitoring.

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





Mondis

# MFOSR

## Fiber optic short range module

### DARK FIBER MONITORING



MONDIS CONTROL DEVICE WITH FO MODULE

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



OPEN END FOR REFLECTION

### ACTIVE FIBRE MONITORING

(Note 3)



MONDIS CONTROL DEVICE WITH FO MODULE

Optical route with active fiber control  
UP TO **12KM**



OPEN END FOR REFLECTION

#### OPTICAL PARAMETERS

	MIN	TYP	MAX	UNIT
Wavelength, TX	1550	1625	1650	nm
Pulse emitted power (Note 1)	15		20	mW
Wavelength, RX			36	dB
Sensitivity			-30	dBm
Monitoring distance	0.050		12	km
Connector (Note 2)	SC/APC			

#### ELECTRICAL PARAMETERS

Supply voltage		12		VDC
Power consumption		600	700	mW

#### PHYSICAL PARAMETERS

Dimensions	110 x 34 x 18			mm
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Note 1: Pulse width 1 us, duty cycle 1%

Note 2: Far end of the monitored fiber should be SC/UPC for maximum reflection

Note3: WDM filters are subject of particular monitoring implementation requirements and are sold separately