

## SFOR FORWARD PATH OPTICAL RECEIVER



- DOCSIS 3.1 compatible frequency range
- Independent local electronic configuration interface
- Remote management and configuration
- Optional redundant work of two devices
- Front or rear optical interface

### TECHNICAL SPECIFICATIONS

#### Optical parameters

Wavelength [nm]	1100...1650
Input optical power [dBm]	-10...+3
Typical equivalent input noise current [pA/√Hz]	<5.5
Optical connector	SC/APC, EURO2000

#### RF parameters

Frequency range [MHz]	47...1218
Return loss [dB]	>16
Output level setup range [dBmV]	36...52 <sup>(1)</sup>
Flatness [dB]	±0.5
RF equaliser range [dB]	0...16
RF output testpoint [dB]	-20±0.5
CTB [dBc]	>72 <sup>(2)</sup>
CSO [dBc]	>78 <sup>(2)</sup>
Noise-to-power ratio (NPR) maximum [dB]	>48 <sup>(3)</sup>

#### General parameters

Power consumption [W]	8.7
Operational temperature range [°C]	0...+50
Dimensions [mm]	230x130x35
Weight [kg]	0.5

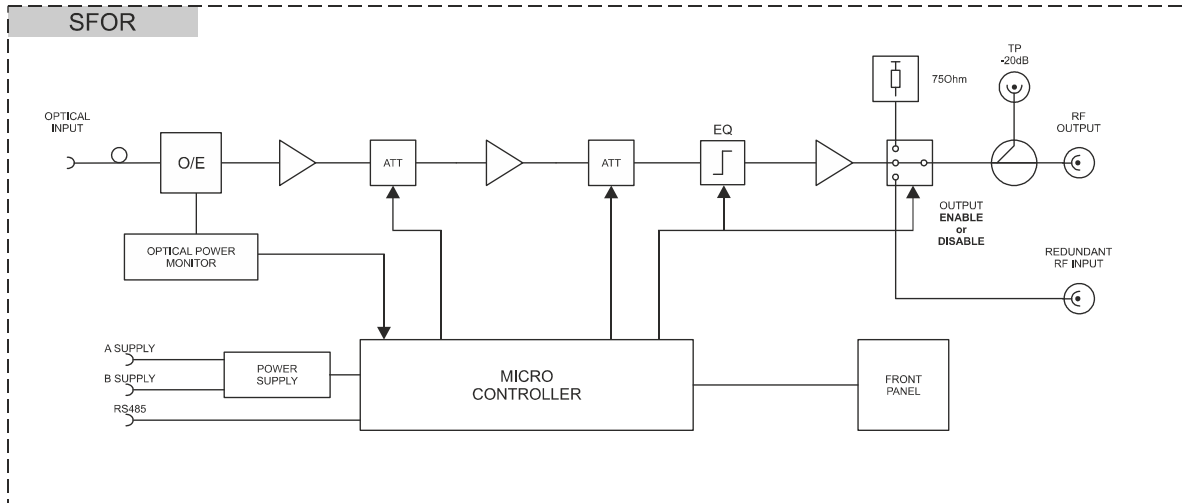
(1) Output RF level per channel @ 2.5% OMI/ch

(2) 65 dBmV flat with a channel loading of 79 NTSC + 75 digital channels (-6 dB offset)

(3) Measured with flat full spectrum load between 47 and 1218 MHz, 1.8% OMI/ch, received power -2 dBm

**Specifications are subject to change without notice!**

BLOCK DIAGRAM



ORDERING INFORMATION

S F O R - X X - X

Optical connector	
SA	SC/APC (Recommended type)
EU	EURO2000

Optical interface position	
F	Front side (Recommended type)
R	Rear side

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