

## QROR QUAD RETURN PATH OPTICAL RECEIVER



- DOCSIS 3.1 compatible frequency range
- Independent local electronic configuration interface
- Switchable Automatic gain control
- Remote management and configuration
- Multiwavelength option for Fiber Deep systems
- Redundancy option

### TECHNICAL SPECIFICATIONS

#### Optical parameters

Wavelength [nm]	1100...1650
Input optical power [dBm]	-16...+3
Typical equivalent input noise current [pA/√Hz]	<4
Number of optical channels	4
Optical connector	SC/APC, EURO2000

#### RF parameters

Frequency range [MHz]	5...204
Return loss [dB]	>16
Output level setup range [dBmV]	30...45 <sup>(1)</sup>
Flatness [dB]	±0.5
Slope [dB]	±1
RF output testpoint [dB]	-20±0.5
Noise-to-power ratio (NPR) maximum / Dynamic range of NPR > 36 [dB]	45 / 9 <sup>(2)</sup>
Channel-to-channel isolation [dB]	>55

#### General parameters

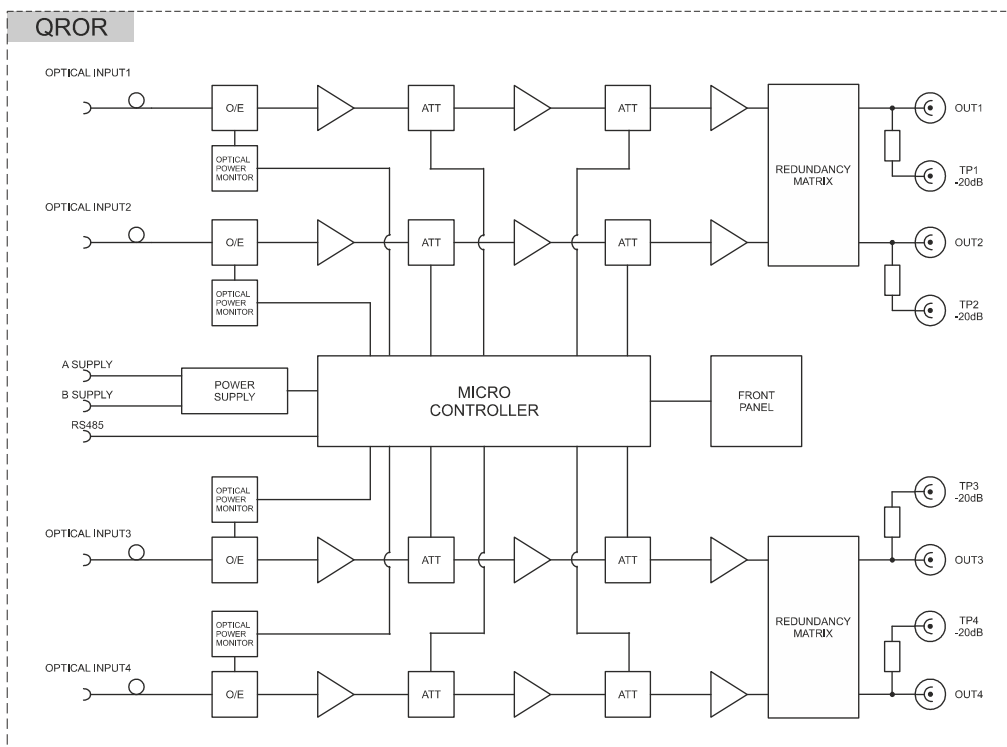
Power consumption [W]	11.9
Operational temperature range [°C]	0...+50
Dimensions [mm]	230x130x35
Weight [kg]	0.65

(1) Output RF level per channel @ 10% OMI/ch

(2) Measured with flat full spectrum load between 5 and 204 MHz, 7% OMI/ch, received power -6 dBm

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

BLOCK DIAGRAM



ORDERING INFORMATION

Q R O R - X X



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

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