

| Type                                   |       | OAMPm-120                                                   | OAMPm-420                                                   |
|----------------------------------------|-------|-------------------------------------------------------------|-------------------------------------------------------------|
| Order number                           |       | 212 193                                                     | 212 194                                                     |
| EAN-Code                               |       | 4026187199166                                               | 4026187199173                                               |
| RF and optical characteristics         |       |                                                             |                                                             |
| Optical input wavelength               | [nm]  | 1545...1561                                                 |                                                             |
| Rated optical input power range        | [dBm] | 0... +10                                                    |                                                             |
| Optical output power per port          | [dBm] | 20,0 ± 0,5                                                  |                                                             |
| Total optical output power             | [dBm] | 20,0 ± 0,5                                                  | 27,0 ± 0,5                                                  |
| Noise figure (Pin=0d Bm, λ=1550 nm)    | [dB]  | ≤ 5                                                         |                                                             |
| Number of optical output ports         |       | 1                                                           | 4                                                           |
| Polarization dependent loss            | [dB]  | ≤ 0,4                                                       |                                                             |
| Polarization dependent mode dispersion | [ps]  | ≤ 0,5                                                       |                                                             |
| Return loss at input                   | [dB]  | ≥ 40                                                        |                                                             |
| Return loss output                     | [dB]  | ≥ 45                                                        |                                                             |
| Optical Isolation input to output      | [dB]  | ≥ 30                                                        |                                                             |
| Optical output adjustable range        | [dB]  | 0...-3 in steps of 0,1 dB                                   |                                                             |
| Optical connector type                 |       | 1x input: SC/APC<br>1x output: SC/APC<br>(other on request) | 1x input: SC/APC<br>4x output: SC/APC<br>(other on request) |
| Common data                            |       |                                                             |                                                             |
| Chassis type                           |       | module for AOCs-SR                                          |                                                             |
| Power consumption                      | [W]   | ≤ 10                                                        | ≤ 15                                                        |
| Weight                                 | [kg]  | 1                                                           |                                                             |
| Operating relative humidity            | [%]   | 85, no condensation                                         |                                                             |
| Ambient temperature                    | [°C]  | -5 .. +55 (ETSI EN 300019-3 Class 3.2)                      |                                                             |