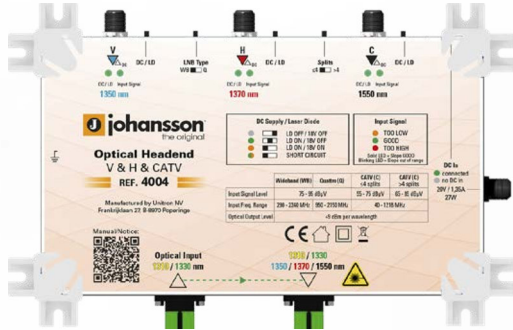


Optical Headend 4004



The new **Optical Compact Headend** converts Wideband/ CATV signals to multiple optical wavelengths. Thanks to built-in Automatic Gain Control (AGC) and Automatic Slope Control (ASC), the output signal is of optimal quality for your optical distribution system. The 4004 can be used in combination with the 4002. Combined, they both serve as a headend for the fiber system with 5 wavelengths.

4004

- 2 Satellite (Wideband / Quattro) inputs
- 1350 - 1370 - 1550 nm
- AGC & ASC
- 1 bypass input to combine 1310 and 1330 from ref. 4002

Specifications 4004

| | | 4004 |
|---|------|---|
| RF Inputs (F-connector) | - | 2 x Satellite (Wideband / Quattro) & 1 x CATV |
| Input frequency SAT | MHz | Wideband: 290 - 2340 Quattro: 950 - 2150 |
| Input frequency CATV/RF | MHz | 40 - 1218 |
| Optical output (SC/APC) | - | 1 |
| Optical input (SC/APC) | - | 1 |
| Optical output wavelengths | nm | 1310 - 1330 (Bypass) 1350 - 1370 - 1550 |
| Optical output power | dBm | +9 (per wavelength) |
| Input level SAT (per Transponder) | dBμV | 75 - 95 |
| Input level CATV/RF (per Transponder) | dBμV | 55 - 75 (≤ 4 splits) 65 - 85 (> 4 splits) |
| DC on SAT/RF input | - | 18 V / 400 mA |
| DC on CATV input | - | 12 V / 200 mA |
| Automatic Gain Control | dB | 15 |
| Automatic Slope Control | dB | 10 |
| Max. power consumption (including DC-power at inputs) | W | 27 |
| DC input (F-type) | - | 20 V / 1.35 A |
| Power supply | - | 20 V / 3,25 A (Ref. 2460 not included with product) |
| Operating temperature range | °C | -10 to +50 |
| Dimensions | mm | 221 x 141 x 50 |
| Weight | kg | 0.8 |