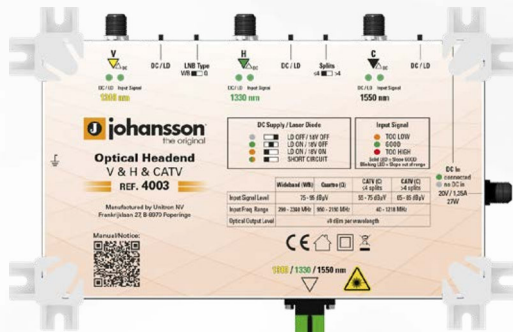


Optical Headend 4002 - 4003

AGC & ASC



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 quality is optimal for your optical distribution system. The Optical Transmitters are suited for many types of optical systems: up to 128 splits and even more than 2000 splits!

4002

- 2 Satellite (Wideband / Quattro) inputs
- 1310 - 1330 nm
- AGC & ASC

4003

- 2 Satellite (Wideband / Quattro) and 1 CATV (47 – 1218 MHz) input
- 1310-1330-1550 nm
- AGC & ASC

Specifications 4002 - 4003

		4002	4003
RF Inputs (F-connector)	-	2 x Satellite (Wideband / Quattro)	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 output wavelengths	nm	1310 - 1330	1310 - 1330 - 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	22	27
DC input (F-type)	-	20 V / 1.1 A	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	