

Type		ONH 12xx BSF-xx	ONH 12xx BF-xx	ONH 12xx B1F-xx
Applications		FTTH, FTTB, DOCSIS-PON, RfOG		
Compact die-cast housing	mm	153 x 95 x 53 / IP 20, In-door		
Weight	kg	0.7		
Fibre connectors		SC/APC		
RF connectors		F-female		
Mains feeding	V~/ W	< 4.6	200...240 (50-60 Hz) / < 7.3	< 9.2
Operating temperature	°C	-20...+55, free convection		
Adjustment elements		PAD and Jumper		
Internal WDM (Tx / Rx)	nm	DS / US		
Downstream	Optical wavelength	nm		
	Optical input power	dBm		
	Frequency range	85, 105, 204	85...1218	
	Frequency response	dB		
	Optical level control (OLC)	dBm		
	RF output level (CENELEC) *1	80	80/96 (selectable)	99
	RF output level (digital) *2	78	78/93 (selectable)	97.5
	C/N	dBc		
	RF level attenuator	dB		
	RF slope	dB		
	Test point RF output	dB		
	Monitoring optical input	dBm		
	Upstream	DFB-laser / optical power	dBm	
Laser operation		Burst Mode (Laser "Delay-Time" ≤ 0,8 µsec) SCTE compliant		
RF input dynamic range		dBµV		
Frequency range		MHz		
OMI per channel		%		
RF input level attenuator		dB		
Monitoring	HEC 2191 Controller	FSK-TX		
	FOSTRA F Control module	FSK Receiver		

*1 CENELEC : CTB,CSO > 60 dB

*2 Digital: EN 60728-3, 119 CH, 262-1214MHz, flat

Exemplary item numbers

Type	Item No.	Description
ONH 1200	57003016	Optical Micronode 96 dBµV, 5-1218 MHz
ONH 1237 BSF-15-20	57003263	1370 in US, 1540-1565 in DS, 230 V~, 258-1218 MHz, FOSTRA-F prepared, 80 dBµV
ONH 1239 BSF-15-20	57003264	1390 in US, 1540-1565 in DS, 230 V~, 258-1218 MHz, FOSTRA-F prepared, 80 dBµV
ONH 1245 BSF-15-20	57003216	1450 in US, 1540-1565 in DS, 230 V~, 258-1218 MHz, FOSTRA-F prepared, 80 dBµV
ONH 1257 BSF-15-20	57003221	1570 in US, 1540-1565 in DS, 230 V~, 258-1218 MHz, FOSTRA-F prepared, 80 dBµV
ONH 1261 BSF-15-85/FOSTRA	57003107	1610 in US, 1540-1565 in DS, 230 V~, 105-1218 MHz, incl. FOSTRA-F module, 80 dBµV
ONH 1229 BF-15-85	57002996	1290 in US, 1540-1565 in DS, 230 V~, 105-1218 MHz, FOSTRA-F prepared, 96dBµV
ONH 1257 BF-15-85	57003009	1570 in US, 1540-1565 in DS, 230 V~, 105-1218 MHz, FOSTRA-F prepared, 96dBµV
ONH 1261 BF-15-20/FOSTRA	57003113	1610 in US, 1540-1565 in DS, 230 V~, 258-1218 MHz, incl. FOSTRA-F module, 96dBµV
ONH 1261 BF-15-85/FOSTRA	57003112	1610 in US, 1540-1565 in DS, 230 V~, 105-1218 MHz, incl. FOSTRA-F module, 96dBµV
ONH 1227 B1F-15-65/FOSTRA	57003061	1270 in US, 1540-1565 in DS, 230 V~, 85-1218 MHz, incl. FOSTRA-F module, 99dBµV
ONH 1241 B1F-15-65/FOSTRA	57003068	1410 in US, 1540-1565 in DS, 230 V~, 85-1218 MHz, incl. FOSTRA-F module, 99dBµV
ONH 1251 B1F-15-65/FOSTRA	57003073	1510 in US, 1540-1565 in DS, 230 V~, 85-1218 MHz, incl. FOSTRA-F module, 99 dBµV
ONH 1257 B1F-15-65/FOSTRA	57003075	1570 in US, 1540-1565 in DS, 230 V~, 85-1218 MHz, incl. FOSTRA-F module, 99 dBµV
ONH 1261 B1F-15-20/FOSTRA	57003156	1610 in US, 1540-1565 in DS, 230 V~, 258-1218 MHz, incl. FOSTRA-F module, 99 dBµV

PRODUCT OVERVIEW OPTICAL NODES ACCESSORIES

Type	Item No.	Description
FOSTRA F V2 868.VER	57004089	FSK Receiver RX : 868.3 MHz
FOSTRA F V2.1 Tuneable VER	57003909	FSK Receiver RX : 860 - 890 MHz
FOSTRA F V2.5 Tuneable VER	57004321	FSK Receiver RX : 860 - 890 MHz
RLK 565-1	57002732	Diplexer, 5-65 / 85 - 1218 MHz
RLK 585-1	57002733	Diplexer, 5-85 / 105 - 1218 MHz
RLK 5200	57002776	Diplexer, 5-204 / 258 - 1218 MHz
VM 302	57002092	Splitter, two-way, 4.5 dB
AM 301-10 A	57002093	Tap 10 dB, Tap out
AM 301-10 B	57002117	Tap 10 dB, Line out
LPF 5-65	57002295	Low pass filter 5-65 MHz
LPF 5-85	57002296	Low pass filter 5-85 MHz
HPF 85-1	57002297	High pass filter 85-1218 MHz
HPF 105-1	57002298	High pass filter 105-1218 MHz
PAD 0/1...20	10161523/24...43	Attenuation PAD 0 dB/1 dB...20 dB

Available CWDM wavelengths					
27: 1270 nm	31: 1310 nm	41: 1410 nm	51: 1510 nm	61: 1610 nm	00: only DS (CATV)
29: 1290 nm	33: 1330 nm	43: 1430 nm	53: 1530 nm		
	35: 1350 nm	45: 1450 nm	57: 1570 nm		
	37: 1370 nm	47: 1470 nm	59: 1590 nm		
	39: 1390 nm	49: 1490 nm			