

HEC2191 - HEAD END CONTROLLER (HEC) FOR DELTANET FOSTR-A-F



Cost-effective remote control system for HFC/RFoG nodes/amps

- HEC in operation with DELTANET FOSTR-A-F Software acc. to EN 60728-14
- Compact FSK-transmitter as desktop unit, with included mounting kit also as 1RU 19" device
- Variable Transmit Frequency Range 860.480-879.515 MHz
- Web Server with DELTANET application, Linux operated
- 1 RF output (selectable on front or rear panel) with RF test point
- Electronic level adjustment of output
- 100 Base-T RJ-45 connection, USB-port for serial connection
- Including basic license for 32 FOSTR-A-F modules (subscribers), expandable to 500, 1000 or 5000 FOSTR-A-F modules
- HEC can host the MySQL database. Alternatively the data base can be installed on an external server, thus one or multiple HECs will act as RF gateway only. Recommended for more than 500 subscribers



FOSTR-A-F Microreceiver for Fibre Nodes and Amplifiers

- Remote control functions: DS ON/OFF, Burst Mode ON/OFF, Ingress Detection Switch 0/6/45 dB, Eco Mode on/off, OMI adjustment *
- Easy integration into DELTANET via Smart Phone application DELTANET ScanApp
- FSK-based, robust, no return way necessary
- FSK signal can be in between two SC-QAM carrier – not additional bandwidth consumption or frequency blocking

* whole functionality depending to amp/node type



Type	HEC 2191	FOSTR-A-F
Application	DELTANET / FOSTR-A-F	ONH, ONB, BKD, LHD, NVD types
Item No.	57003259	57001981 / 57003244 / 57003245 / 57003663
TX-frequency	MHz	860.480-879.515 MHz (other frequencies on request)
Monitoring-Status LED	green (=Tx ON)	green: 0 / 6 / 45dB, DS ON/OFF, Burst Mode ON/OFF
Bandwidth	kHz	200
Spurious	dBμV	< 10
Distortion	dB	-
Dynamic-Input level	dBμV	30...75
Transmitting level	dBμV	-
RF test point	1 x -20 dB	-
Data Speed	Bps	9600
Local Interface	100 Base-T RJ-45 and USB (as serial port)	RS-232
Power supply	V~/W	6-24V / < 0.4W@24V / <0.18W@12V
Dimensions	mm	25 x 24 x 8
Weight	kg	0.02
IP protection class	IP 20, Indoor	