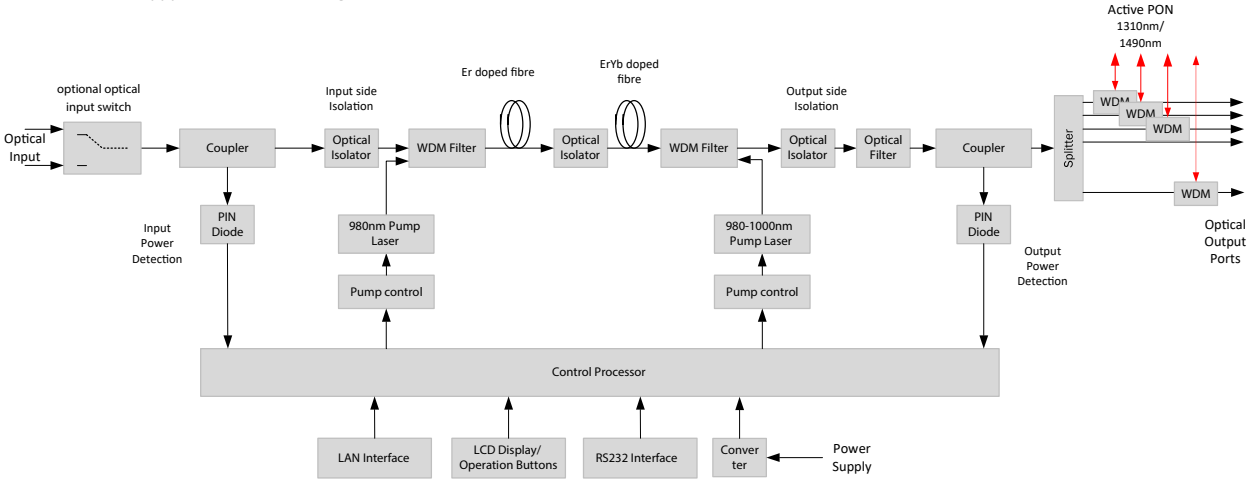
Active PON
1310nm/
1490nm
optional optical
input switch
Optical
Input
Coupler
Input side
Isolation
Optical
Isolator
WDM Filter
Er doped fibre
ErYb doped
fibre
Optical
Isolator
WDM Filter
Output side
Isolation
Optical
Isolator
Optical
Filter
Coupler
Splitter
WDM
WDM
WDM
WDM
Optical
Output
Ports
Input
Power
Detection
PIN
Diode
980nm Pump
Laser
Pump control
980-1000nm
Pump Laser
Pump control
PIN
Diode
Output
Power
Detection
Control Processor
LAN Interface
LCD Display/
Operation Buttons
RS232 Interface
Conver
ter
Power
Supply