AT&T

Device | **Broadband** | Home Network | Voice | Firewall | Diagnostics

Status | Configure

Fiber Status

Fiber Status

Optical WAN Operational Status	Up
Fiber Module	Unavailable
Last Change	1751000717
Link State	Up
Name	SFP
Connector	1
Transceiver	0000000000000000000
Encoding	3
BR Nominal	100
Br Min	20
Br Max	20
Rate ID	100
Wave Length	1270 nm
Tx Disable State	1
RS1 State	0
Rate Select State	0
Tx Fault State	1
Rx LOS State	1
Data Ready Bar State	0
Length SMF-km	40
Length SMF	0
Length 50uM	0
Length 62dot5uM	0
Length OM3	0
Vendor Name	NOKIA
Vendor OUI	000000
Vendor PN	3FE46901AC
Vendor Rev	02
Vendor SN	ALCLEA1DCB8E
Vendor Date Code	221205
OPT Cooled Trans	uncooled transceiver
OPT Powerlvl	2
OPT Linear Rcvr	conventional receiver
OPT Rate Select	0
OPT Tx Disable	0
OPT Tx Fault	1
OPT Inverted-LOS	1
OPT LOS	0
DMC Type Implemented	1
DMC Type Internal Cal	1
DMC Type External Cal	0
DMC Type Rx Avg Pwr	Average power method
EOC Alarm Implemented	1
EOC Soft Tx Disable	0
EOC Soft Tx fault	1
EOC Soft Rx LOS	1
EOC Soft Rate Select	0
SFF 8079 App Select	0
SFF 8431 Soft Rate Select	0
SFF Ver Compliance	rev 11.0

Temperature Currently 29

	Low	High
Alarm	0 (Threshold -50)	0 (Threshold 95)
Warning	0 (Threshold -45)	0 (Threshold 90)

Help

Fiber status is presented for service technicians.

Optical WAN Operational Status: When connected to a fiber source, displays whether or not the WAN is operational.

Fiber Module: The type of connector detected by the device.

Last Change: Accumulated time in seconds since the optical interface entered its current state.

Link State: Up indicates link is operational.

Name: Name of the optical converter.

Connector: The code for the external optical or electrical cable connector provided as the media interface.

Transceiver: The code for electronic or optical compatibility.

Encoding: The code for the high speed serial encoding algorithm.

BR Nominal: The nominal signaling rate in 100 MBd.

Br Min: Lower bit rate margin, units of %.

Br Max: Upper bit rate margin, units of %.

Rate ID: The coded rate select identifier.

Wave Length: Laser Wavelength.

Tx Disable State: The digital state of the TX Disable input pin.

RS1 State: The digital state of SFP input pin AS(1) or RS(1).

Rate Select State: The digital state of the SFP Rate_Select input pin.

Tx Fault State: The digital state of the TX Fault output pin.

Rx LOS State: The digital state of the RX_LOS output pin.

Data Ready Bar State: Flag indicates power up and data ready.

Length SMF-km: Supported link length in kilo meters.

Length SMF: Supported link length in units of 100 meters.

Length 50uM: Supported link length for 50 micro meter OM2 fiber (units of 10 meters).

Length 62dot5uM: Supported link length for 62.5 micro meter OM1 fiber (units of 10 meters).

Length OM3: Supported link length for 50 micro meter OM3 fiber.(units of 10 meters).

Vendor Name: SFP vendor name.

Vendor OUI: IEEE company ID for the SFP vendor.

Vendor PN: SFP module vendor part number.

Vendor Rev: SFP module revision level for the part number.

Vendor SN: SFP module serial number from vendor.

Vendor Date code: In format <yymmddxx> where xx is vendor specific and may be blank.

OPT Cooled Trans: The transceiver indication of

Vcc Currently 3

	Low	High
Alarm	0 (Threshold 3)	0 (Threshold 3)
Warning	0 (Threshold 3)	0 (Threshold 3)

Tx Bias Currently 10

	Low	High
Alarm	0 (Threshold 0)	0 (Threshold 1000)
Warning	0 (Threshold 0)	0 (Threshold 900)

Tx Power Currently 29

	Low	High
Alarm	0 (Threshold -10)	0 (Threshold 59)
Warning	0 (Threshold 0)	0 (Threshold 49)

Rx Power Currently -171

	Low	High
Alarm	0 (Threshold -292)	0 (Threshold -90)
Warning	0 (Threshold -279)	0 (Threshold -100)

cooled or uncooled.

OPT Powerlvl: Power Level Operation of either 1 or 2.

OPT Linear Rcvr: Indicates if Receiver is a conventional or linear receiver.

OPT Rate Select: Indicates if Rate Select is implemented. 1 = implemented. 0 = not implemented.

OPT Tx Disable: Ability to disable the serial output. 1 = implemented. 0 = not implemented.

OPT Tx Fault: TX_FAULT signal is implemented. 1 = implemented. 0 = not implemented.

OPT Inverted-LOS: Also known as 'signal detect'. 1 = implemented. 0 = not implemented.

OPT LOS: Loss of Signal. 1 = implemented. 0 = not implemented.

DMC Type Legacy: Reserved. Always 0

DMC Type Implemented: Diag monitoring. 1 = implemented. 0 = not implemented.

DMC Type Internal Cal: Device internally calibrated.

DMC Type External Cal: Device externally calibrated.

DMC Type Ex Avg Pwr: Type of power measurement: Modulation Amplitude method or Average power method.

EOC Alarm: 1 = alarm implemented. 0 = alarm not implemented.

EOC Soft Tx Disable: TX_DISABLE control and monitoring: 1 = implemented. 0 = not implemented.

EOC Soft Tx fault: TX_FAULT monitoring: 1 = implemented. 0 = not implemented.

EOC Soft Rx LOS: RX_LOS monitoring: 1 = implemented. 0 = not implemented.

EOC Soft Rate Select: Soft RATE_SELECT control and monitoring: 1 = implemented. 0 = not implemented.

SFF 8079 App Select: Application select implemented from the standard SFF 8079: 1 = implemented (partial). 0 = not implemented.

SFF 8431 Rate Select: Rate select implemented from standard 8431: 1 = implement. 0 = not implemented.

SFF Ver Compliance: Reference 3.12 table in SFF 8472. Rev 9.3 or rev 9.5.

Temperature: The temperature in degrees celsius. System is stable when current value is between low and high warning/alarm thresholds.

Vcc: Voltage in Volts/10,000. System is stable when current value is between low and high warning/alarm thresholds.

Tx Bias: Tx Bias in amperes/500,000. System is stable when current value is between low and high warning/alarm thresholds.

Tx Power: Power in one-tenth of a dBm. System is stable when current value is between low and high warning/alarm thresholds.

Rx Power: Power in one-tenth of a dBm. System is stable when current value is between low and high warning/alarm thresholds.