

What does a base station optical module alarm mean



Overview

Check the diagnostic information, which shows that the received optical power is low, with a threshold of -3 to -23. Once it exceeds the threshold, an alarm will be triggered. Replace the optical cable before replace the FRGP (RF Module)
Temperature alarm BSS 1. Check SYNC Configuration in Node-B 4. Still alarm Persists,Check the FTIB Card. Default Severity: Major (MJ), Service-Affecting (SA))
Logical Object: SC XGE_EEPROM_ERROR is raised when system detects the XGE EEPROM corruption. If the alarm does not clear. This type of optical module failure mainly includes port not UP, port status is UP but do not receive or send messages, port frequently up or down and CRC error. You can choose an appropriate alarm mode for optical modules. You can configure the alarm thresholds for the power, temperature, current, and voltage of optical modules, and the interval at which the inter-integrated circuit (I2C) collects optical module alarm information to shield unnecessary.

Article Content

Optical module alarm

Check the diagnostic information, which shows that the received optical power is low, with a threshold of -3 to -23.01, currently at -22.84. Once it exceeds the threshold, an alarm will be ...

3G Node-B Alarm Troubleshooting Guide

Troubleshooting guide for 3G Node-B alarms. Includes alarm descriptions, impacts, and actions for base station, cell, and transmission issues.

Optical module common faults and solutions

If an alarm appears, it means that the optical module is faulty or the optical module does not match the optical interface type. Optical Power-Use the optical power meter to test whether the ...

Configuring the Alarm Function for Optical Modules

You can configure the alarm thresholds for the power, temperature, current, and voltage of optical modules, and the interval at which the inter-integrated circuit (I2C) collects optical module alarm ...

Common OTN Alarms and their Troubleshooting Steps

An OTN (Optical Transport Network) alarm is a notification mechanism that indicates the occurrence of an error, defect, or anomaly in the optical network infrastructure. These alarms are ...

Base Station Alarm Descriptions Guide | PDF | Computer Network ...

A redundant RRU chain/ring is configured,The optical module on the CPRI port of the BBU is not in position, or th module or electrical port is faulty,The connecting piece on the CPRI port of the BBU is ...

Troubleshooting Guide for Cisco NCS 1004, IOS XR Release 7.1.1

The Optical Transport Unit Loss of Frame (OTUK-LOF) alarm is raised when a frame loss is detected by an invalid frame alignment in the received frames. This alarm indicates that the ...

Wcdma bts-alarm-descriptions | PDF

This document describes alarms and alarm handling for Nokia UltraSite and MetroSite WCDMA base stations. It provides information on general alarm handling procedures, instructions for solving ...

Optical-Module Parameter Inquiry and Alarm Configuration

The five parameters have basically decided whether the optical module can work normally. If one of the five parameters is abnormal, ONU registration will be abnormal or packet loss will occur on the link.

The Most Comprehensive Guide Of Optical Modules

Overloading of optical power, also known as saturated optical power, refers to the maximum allowable optical power that the optical module can withstand without causing signal ...

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