Scientific Atlanta
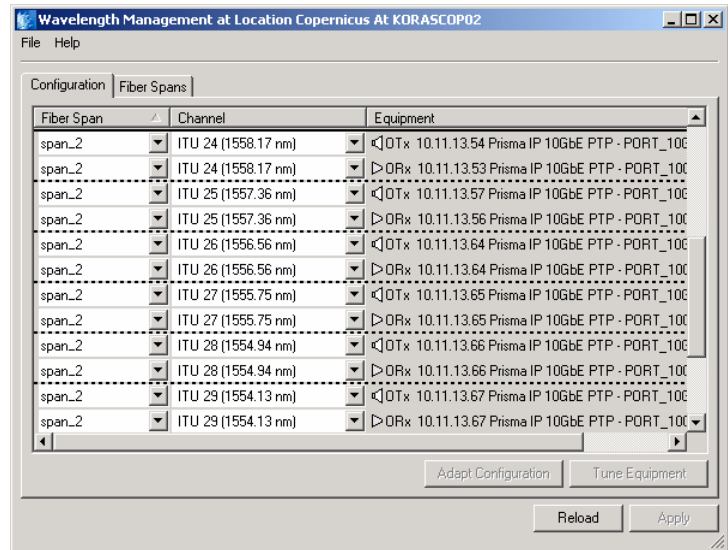
ROSA™ Wavelength Management

Description

The ROSA™ Wavelength Management component gives a comprehensive overview of the tunable equipment in the optical network and allows an easy and fail safe provisioning of the wavelengths.

Provisioning an optical network with tunable optics is a complex and error-prone process. The ROSA Wavelength Management component solves this complexity and dynamically provisions or reallocates wavelengths and bandwidth when transmitters or receivers are added. It also provides fail safe control to ensure that duplicate wavelengths are not accidentally provisioned over the same fiber span.

The ROSA Wavelength Management component auto detects the tunable cards of the Prisma IP™ and Prisma GbE™ platforms. The user can configure each fiber span in the network topology.

The ROSA Wavelength Management component indicates differences between the provisioned wavelength and the equipment settings. In case of a replacement with spare cards, a simple reapply provisions the correct wavelength settings to the new equipment.

Features

- Provides fail safe control to ensure duplicate wavelengths are not accidentally provisioned over the same fiber
- Auto detects the cards of the Prisma IP and Prisma GbE platforms
- Overview of available wavelengths per fiber span
- Dynamically provision/reallocate wavelengths when transmitters or receivers are added
- Easy provisioning of the wavelength settings when a tunable card is replaced with a spare tunable card

ROSA Wavelength Management

Ordering Information

Description	Part Number
ROSA Tunable Optics Wavelength Management Package Contains all Prisma IP and Prisma GbE Equipment drivers and the Wavelength Management component. **Note:** Runs on ROSA/COPERNICUS™ Client/Server only	70032310
COPERNICUS ROSA Network Management Server 100-120/200-240 V AC Std Standard SQL database (MSDE) Including RS-232/4 and RS-485/4, ROSA 3.X Client, license for 250 managed devices	V000112011