

draft-dharini-ccamp-dwdm-if-yang-00
draft-dharinigert-ccamp-dwdm-if-imp-01
draft-galikunze-ccamp-dwdm-if-snmp-mib-01

IETF 95 – CCAMP WG

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Changes in names

1. Changed name from

- New: [draft-dharini-ccamp-dwdm-if-yang-00](#)
- Old: [draft-dharini-netmod-dwdm-if-yang-00](#)
- Predecessor: [draft-dharini-netmod-g-698-2-yang-04](#)

2. Changed name:

- new: [draft-dharinigert-ccamp-dwdm-if-imp-01](#)
- old: [draft-dharinigert-ccamp-g-698-2-imp-10](#)

3. In line with draft-galikunze-ccamp-dwdm-if-snmp-mib-01

- Predecessor: [draft-galikunze-ccamp-g-698-2-snmp-mib-12](#)

Data Plane Reference Model

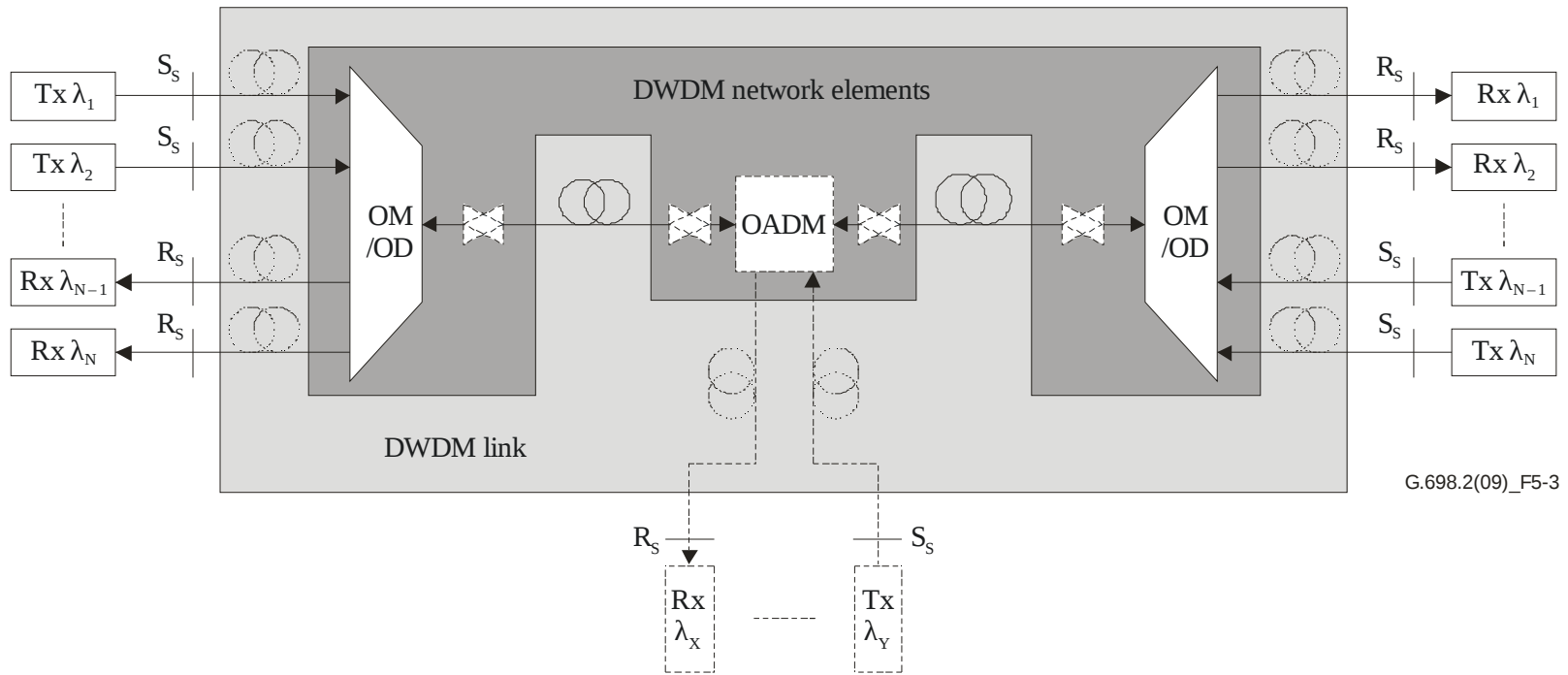


Figure 5-3 – Linear "black link" approach for bidirectional applications

YANG considerations

- The YANG Data model shall be used for configuration
 - The YANG data model is independent of a controller architecture. Hence EMS structures are out-of scope
 - check out for framework draft
 - Write option for power is optional (if the device supports it)
 - Interfaces where Wavelength is signaled via RSVP-TE may change wavelength dynamically when re-routed. A notification is required to indicate the change

LMP Considerations

- LMP covers the discovery/parameter-negotiation use case
- Discovery determines the limitations of the single channel interface to a WDM line system
- LMP is not used for configuration or provisioning and there is no mentioning of configuration or provisioning in this draft

Extension to the Link Management Protocol (LMP/DWDM -rfc4209) for Dense Wavelength Division Multiplexing (DWDM) Optical Line Systems to manage the application code of optical interface parameters in DWDM application draft-dharinigert-ccamp-dwdm-if-imp-01

This document defines extensions to [RFC4209] to allow a set of characteristic parameters, to be exchanged between a router or optical switch and the optical line system to which it is attached.

SNMP-MIB Considerations

- Due to re-shuffling of names in other draft decided to keep SNMP-SET in order to maintain a consistent set of drafts
- Next version will mark SET as depreciated and point to [draft-dharini-ccamp-dwdm-if-yang](#) for configuration
- Interfaces where Wavelength is signaled via RSVP-TE may change wavelength dynamically when re-routed. A notification is required to indicate the change

Next Steps

- Stop continuous re-naming of drafts
- Streamline individual drafts and wording to align with the framework
- Keep in mind: LMP is not for configuration!
- Depreciate the set option in SNMP and focus on YANG for configuration
- Solicit feedback/comments from the group.

Thank You!