**ONDA Handbook**

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**Data Structure**

|  |  |  |
| --- | --- | --- |
| **Struct:** | **Demand** | |
| **Field** | **Description** | **Unit** |
| .id |  |  |
| .id\_Node\_Source |  |  |
| .id\_Node\_Destination |  |  |
| id\_Optical\_Channel |  |  |
| .type | IMDD, Coherent, EOFDM, OOFDM or FlexGrid.  IMDD - Intensity-Modulation  Direct Detection EOFDM - Electrically generated  optical OFDM  OOFDM - Optically generated  optical OFDM |  |
| .value |  | Gbit/s |
|  |  |  |

1. % Demand.
2. %
3. %
4. %
5. % :
6. % IMDD - Intensity-Modulation
7. % Direct Detection
8. % EOFDM - Electrically generated
9. % optical OFDM
10. % OOFDM - Optically generated
11. % optical OFDM
12. Seguir as orientações contidas no arquivo “Regras\_para\_Criacao\_de\_Software\_no\_LabTel.docx”;
13. Separação entre as várias camadas da rede, de forma a permitir que cada camada funcione de forma independente da outra;
14. Restringir o uso de variáveis globais;
15. Permitir, e incentivar, o agrupamento de variáveis correlacionadas através de structs;