

Supported Amplifiers

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Supported Amplifiers

Cisco ONP supports the following amplifiers:

Table 1: Cisco ONP Supported NCS 2000 Amplifiers

Amplifier	Description
15454-M-RAMAN-CTP	Raman Amp C-Band
15454-M-RAMAN-COP	Raman Amp C-Band
EDFA 35 for OLA node	Erbium Doped Fiber Amplifier (EDFA) that can function in dual gain with maximum gain of 35 dB
NCS2K-EDRA2-26C	21dBm EDFA + Bst 26dB Span - C-Band
NCS2K-EDRA1-26C	21dBm EDFA 26dB Span - C-Band
NCS2K-EDRA2-35C	21dBm EDFA + Bst 35dB Span - C-Band
NCS2K-EDRA1-35C	21dBm EDFA35dB Span - C-Band

Note

- RAMAN-CTP is supported on all nodes.
- EDRAs are supported on the OLA node.
- For ROADM and Traffic nodes, the booster amplifier and preamplifier are in-built. The booster is 20SMR-FS-BST.

Table 2: Cisco ONP Supported NCS 1010 Amplifiers

Amplifier	Description
OLT-C-EDFA22-Pre	25 dBm EDFA preamplifier available in OLT card
OLT-C-EDFA35-Pre	35 dBm EDFA preamplifier available in OLT card
ILA-C-EDFA17-Bst	17 dBm EDFA booster amplifier available in ILA card
ILA-C-EDFA30-Bst	30 dBm EDFA booster amplifier available in ILA card