OM6000 Configuration Options

Listed below are the configuration options for the OM6000 node. The OM6000 options are for reference only and should not be used for ordering. Contact your ARRIS sales professional for ordering information.

The table below identifies the options in the 4X HFC configuration (ARRIS model number OM6-H42Y-SSA-4XS-4XBHGA-0N).

OM6	Opti Max6000 1.2 GHz Segmentable Node

H	HFC — 18 dB tilt (24VDC)

85	5–85 MHz / 102–1.2 GHz
MS	5–204 MHz / 258–1.2 GHz

N	Without Ingress Control Switch

N	None
D	Redundant 60/90V

00	None
1X	Split, single RX
2X	Segmented, dual RX

00	None
1X	Combined, single analog TX
2X	2x segmented, dual analog or single 2:1 digital TX

00	None
C	1571nm CWDM
D	1551nm CWDM
E	1531nm CWDM
F	1511nm CWDM

L	1451nm CWDM
T	1311nm DFB
0200	2 = 2:1 DRT Host Module Single 2X85 Digital Return Transmitter CHP-D2RRX-85-6Z-S DRR Compatible
0202	2 = 2:1 DRT Host Module Dual 2X85 Digital Return Transmitters CHP-D2RRX-85-6Z-S DRR Compatible
	NOTE 1 — Transmitter slots are numbered 8, 9, 11, and 12 from left to right when viewing the open node in a horizontal position. *NOTE 2 — Digital host modules are installed in slot 9 for 2x segmentation and slots 9 and 12 for 4x segmentation.* *NOTE 3 — Analog transmitters are installed in slot 9 first for 1x segmentation, then slots 9 and 11 for 2x segmentation, and slots 8, 9, 11, and 12 for 4x segmentation.* *NOTE 4 — Analog transmitters will be installed in factory-equipped configurations by wavelength value as follows. The first TX will always be seated in Slot 9. For 2x segmentation, the TX with the lowest wavelength value is seated in Slot 9 and the TX with the next highest wavelength value is seated in slot 11. For full 4x segmentation, all slots (8, 9, 11, 12) will be populated. The TX with the lowest wavelength value is seated in Slot 9, the TX with the next highest wavelength value is seated in Slot 11, the TX with the third highest wavelength is seated in slot 8, and the TX with the highest wavelength is seated in Slot 12.*

D	DOCSIS transponder w/daughter card
C	Daughter card only DEMS support

Note — Shaded rows represent optional configurations.