



# APPENDIX **A**

## Cisco DOCSIS 3.0 Downstream Solution, Component Compatibility Matrix

**Table A-1** summarizes the compatibility of Cisco DOCSIS 3.0 Downstream Solution components with the Cisco IOS software functionality supported in the following major releases of the solution:

- Cisco Wideband Cable Solution, Release 1.0 (Cisco IOS Release 12.3(21)BC and Cisco IOS Release 12.3(21a)BC3)
- Cisco DOCSIS 3.0 Downstream Solution, Release 2.0 (Cisco IOS Release 12.3(23)BC)
- Cisco DOCSIS 3.0 Downstream Solution (Cisco IOS Release 12.2(33)SCB)

In **Table A-1**, the following applies:

**Yes**—Indicates that the component is compatible with the solution release and provides full support for the release’s features and functionality.

**No**—Indicates that the component is not compatible with the solution release and does not provide full support for the release’s features and functionality. See the Notes column for more information.

**Table A-1** *Component-compatibility*

<b>Solution Component</b>	<b>Cisco Cable Wideband Solution, Cisco IOS Releases 12.3(21)BC &amp; 12.3(21a)BC3</b>	<b>Cisco DOCSIS 3.0 Downstream Solution, Cisco IOS Release 12.3(23)BC</b>	<b>Cisco DOCSIS 3.0 Downstream Solution, Cisco IOS Release 12.2(33)SCB</b>	<b>Notes</b>
Performance Routing Engine 2 (PRE2) Part number: ESR-PRE2/R	Yes	Yes	Yes	
Performance Routing Engine 4 (PRE4) Part number: ESR-PRE4	No	No	Yes	Required for the 1-Port 10 Gigabit Ethernet SPA
Cisco Wideband SIP Part number: UBR10-2XDS-SIP	Yes	Yes	Yes	

Table A-1 Component-compatibility (continued)

Solution Component	Cisco Cable Wideband Solution, Cisco IOS Releases 12.3(21)BC & 12.3(21a)BC3	Cisco DOCSIS 3.0 Downstream Solution, Cisco IOS Release 12.3(23)BC	Cisco DOCSIS 3.0 Downstream Solution, Cisco IOS Release 12.2(33)SCB	Notes
Cisco Wideband SPA Part number: SPA-24XDS-SFP	Yes	Yes	Yes	
Cisco 10000 SPA Interface Processor-600 Part number: 10000-SIP-600	No	No	Yes	The Cisco Wideband SIP and the Cisco SIP-600 cannot co-exist on a Cisco uBR10012 router
Cisco 5-Port Gigabit Ethernet SPA Part number: SPA-5X1GE-V2	No	No	Yes	
Cisco 1-Port 10 Gigabit Ethernet SPA Part number: SPA-1X10GE-L-V2	No	No	Yes	
Timing, Communication, and Control Plus card (TCC+) Part number: UBR10-TCC+-T1	Yes	No	Yes	Will work with Cisco IOS Release 12.3(23)BC, but does not support a DOCSIS timing server.
DOCSIS Timing and Control Card (DTCC) Part number: UBR10-DTCC=	Yes	Yes	Yes	
Linksys WCM300-NA, Linksys JP and WCM300-EURO modems	Yes	Yes	Yes	
Scientific Atlanta DPC2505 and EPC2505 modems	Yes	Yes	Yes	

**Table A-1** *Component-compatibility (continued)*

<b>Solution Component</b>	<b>Cisco Cable Wideband Solution, Cisco IOS Releases 12.3(21)BC &amp; 12.3(21a)BC3</b>	<b>Cisco DOCSIS 3.0 Downstream Solution, Cisco IOS Release 12.3(23)BC</b>	<b>Cisco DOCSIS 3.0 Downstream Solution, Cisco IOS Release 12.2(33)SCB</b>	<b>Notes</b>
Scientific Atlanta Continuum DVP XDQA24 EQAM device	Yes	Yes	Yes	
Harmonic NSG 9116 EQAM device	Yes	No	Yes	
Harmonic NSG 9000 EQAM device	Yes	Yes	Yes	
Vecima Networks VistaLynx VL1000 EQAM device	Yes	No	Yes	

