

# Channel Interface Processor Cable Information

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## Introduction

This document contains information related to the physical connectivity for the Cisco CIP/CPA Parallel Channel connection with BUS and TAG mainframe cables.

## Prerequisites

### Requirements

There are no specific requirements for this document.

### Components Used

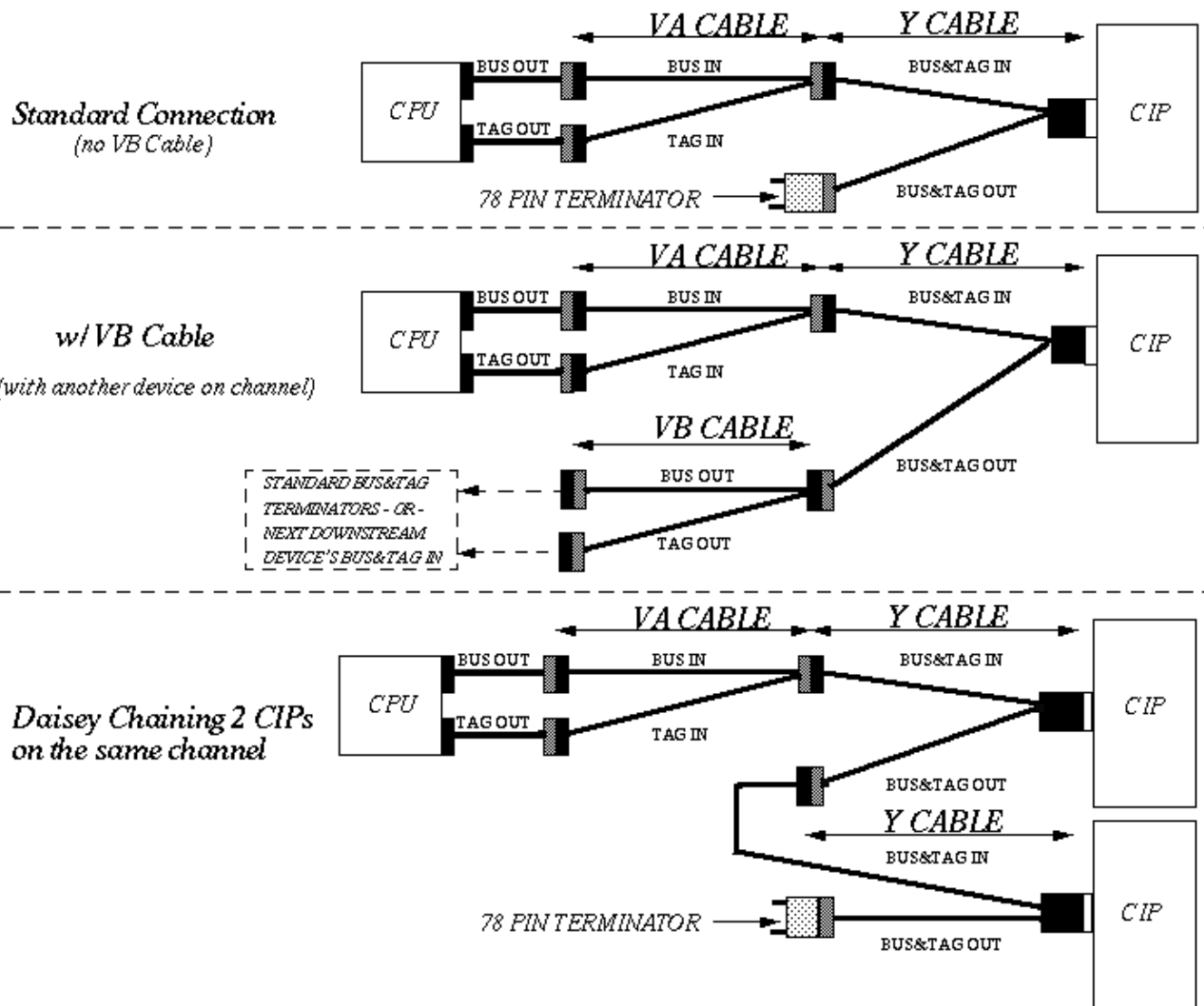
This document is not restricted to specific software and hardware versions.

## GRAY AWAY

**GRAY** means the light gray connector on the end of a channel cable.

**AWAY** means *away from the host CPU*.

This means the light gray end of a channel cable (and router cables) is always the end farthest from the host CPU (3090, for example).



These are some ways to differentiate the Bus and Tag (B/T) connectors:

- Y Cable – Bus and Tag IN is a Male 78–pin connector and should be Black. Bus and Tag OUT is Female and should be Light Gray. The end with the Select Out/Bypass (S/B) switch plugs into the CIP card. Where the two cables emerge from the CIP card connector, Bus and Tag OUT is the cable that emerges nearest the S/B switch.
  - ◆ IBM P/N 89F8392
  - ◆ Cisco P/N CAB–PCA–Y
  - ◆ FRU P/N 72–0864–01
- VA Cable – Bus and Tag IN is a Female 78–pin connector and should be Light Gray. P2 is Bus, P3 is Tag. If you hold the cable looking into the holes in the 78–pin connector with the wide part of the 78–pin D–connector on top, P2 (Bus) is on the right and P3 (Tag) is on the left. The plastic on the ends of the B/T connectors should be Black (very Dark Gray); they are Light Gray on the VB cable. These Dark Gray connectors will connect to the Light Gray connectors on the ends of the Bus and Tag cables that come from the host.
  - ◆ IBM P/N 12G8058 (terminator and VA cable together in B/M are IBM P/N 12G7988)
  - ◆ Cisco P/N CAB–PCA–VA (ships with the terminator)
  - ◆ FRU P/N 72–0863–01
- VB Cable – Bus and Tag OUT is a Male 78–pin connector and should be Black. P2 is Bus, P3 is Tag.

If you hold the cable looking into pins on the 78-pin connector with the wide part of the 78-pin D-connector on top, P2 (Bus) is on the left and P3 (Tag) is on the right. The B/T connectors should be tipped with Light Gray plastic (as opposed to Black on the VA cable). These Light Gray ends should connect to the black (Dark Gray) ends of the Bus and Tag cables that lead to the next downstream unit.

- ◆ IBM P/N 12G7993
- ◆ Cisco P/N CAB-PCA-VB
- ◆ FRU P/N 72-0865-01
- Terminator – Attaches to the Y cable in place of the VB cable and terminates B/T OUT. It is a 78-pin Male connector and should be Black.
  - ◆ IBM P/N 6473048

## Related Information

- [Bus and Tag Channel Interface Processor End of Sales Announcement](#)
  - [Technical Support & Documentation – Cisco Systems](#)
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