

VC-Dots™

Cable End Cap Installation Guide

Safety information



Warning! Read the following information and read the safety precautions in the products' user documentation before installing products in the Martin VC™ family using Martin™ mounting accessories. User documentation is supplied with products, but check that you have the latest documents. These are available for download from the Product Support pages at www.martin.com



Warning! Products must be installed by qualified professional technicians only. All locally applicable safety and building regulations must be respected. Check that the mounting surface can safely support the weight of all the items you intend to install on it. Lock out power to the installation before starting work. Wear rubber gloves when handling silicone sealant.

If you have any questions about how to install any Martin™ product or use it safely, please contact your local Martin Professional™ distributor (see www.martin.com/distributors for details) or call the Martin™ 24-hour service hotline on +45 8740 0000, or in the USA on 1-888-tech-180.

Dimensions

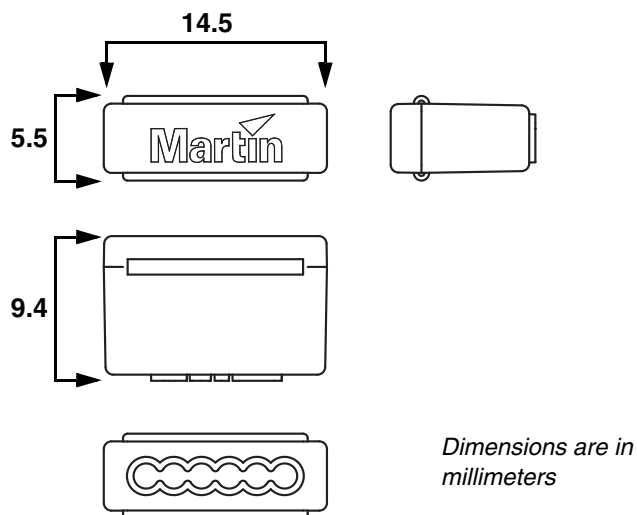


Figure 1. Termination End Cap dimensions

Introduction

When you cut the hybrid (power and data) cable on VC-Dot strings to create a custom string length, the cable conductors are exposed. This gives a risk of electrical problems. If data conductors come into contact with DC conductors, for example, damage can be caused which is not covered by the product warranty. This guide explains how to install Martin VC-Dot™ Termination End Caps on the end of VC-Dot strings to prevent such problems.

Installing the End Caps

Besides the Termination End Caps, you will need rubber gloves and a tube of RTV (room-temperature vulcanizing) silicone sealant (not supplied) designed for use in wet areas.

To install an End Cap:

1. Check that the installation is isolated from power.
2. See Figure 2. Use cutting pliers to make a square cut at the point where you need to end the VC-Dots string. Leave minimum 10 mm (0.4 in.) cable between the cut and the last VC-Dot on the string.
3. Check that the ends of wires are cleanly cut. Remove any strands of copper that protrude from the insulation, because these may cause a short circuit.
4. See Figure 3. Put on protective gloves. Fill a cap completely with silicone sealant and press the end of the VC-Dot cable fully into the cap.
5. You can apply power when all caps have been installed and all installation work is finished, but allow the sealant to dry fully before disturbing the cap.

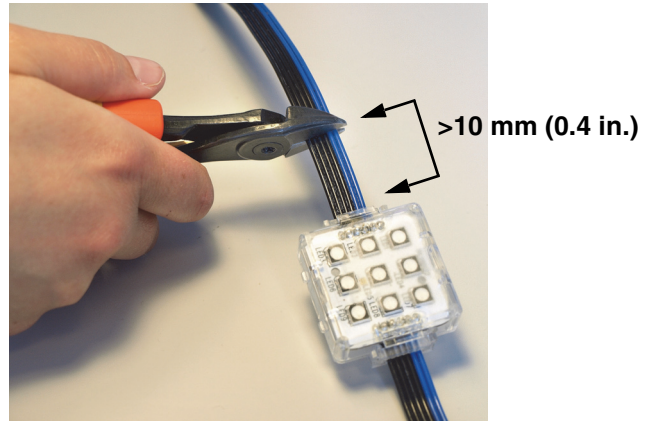


Figure 2. Cutting a VC-Dot string



Figure 3. Applying sealant and installing a cap



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P/N 35000637, Rev. A