

Splice, Fiber Optic, Aerospace  
Inter-Connect, Graded Index 100/140/172 Cable Size

1. SCOPE:

This specification includes detail requirements for a fiber optic splice tested in accordance with MA5405.

2. APPLICABLE DOCUMENTS:

The following publications form a part of this document to the extent specified herein. The latest issue of SAE publications shall apply. The applicable issue of other publications shall be the issue in effect on the date of the purchase order. In the event of conflict between the text of this document and references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

2.1 SAE Publications:

Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

MA5405 Splice, Fiber Optic, For Aerospace Inter-Connection Systems

3. REQUIREMENTS:

1. Qualification Inspection: In accordance with MA5405.
2. Fiber Optic Cable: Graded Index Cable, 100/140/172 size only. Cable description details shall be included in the assembly instructions.
3. Fiber Optic Tools: All tools required to assemble the splice shall be listed in the assembly instructions.
4. Maximum Operating Temperature: 150 °C ± 3 °C

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

Copyright 2000 Society of Automotive Engineers, Inc.  
All rights reserved.

Printed in U.S.A.

TO PLACE A DOCUMENT ORDER: (724) 776-4970 FAX: (724) 776-0790 SAE WEB ADDRESS: <http://www.sae.org>