

# Table of Contents

## 1 Introduction

|  |     |
|--|-----|
| 1.1 Document Description . . . . .   | 1-1 |
| 1.2 Organization . . . . .   | 1-1 |
| 1.3 Changes from Issue 1 of GR-1081-CORE . . . . .   | 1-1 |
| 1.4 Requirements Terminology . . . . .   | 1-2 |
| 1.5 Requirement Labeling Conventions . . . . .   | 1-2 |
| 1.5.1 Numbering of Requirement and Related Objects . . . . .                                 | 1-2 |
| 1.5.2 Requirement, Conditional Requirement, and Objective Object<br>Identification . . . . . | 1-3 |

## 2 General Information

|   |     |
|---|-----|
| 2.1 Description of Optical Fiber Connectors . . . . .                             | 2-1 |
| 2.1.1 Description of Field-Mountable Optical Fiber Connector Assemblies . . . . . | 2-1 |
| 2.1.1.1 Single-Jointed Connector Assemblies . . . . .                             | 2-2 |
| 2.1.1.2 Multiple-Jointed Connector Assemblies . . . . .                           | 2-2 |
| 2.2 Connector Applications . . . . .  | 2-2 |

## 3 General Requirements

|  |     |
|--|-----|
| 3.1 Conformance to the General Requirements of GR-326-CORE . . . . . | 3-1 |
| 3.2 Field-Mounting Kit . . . . .                                     | 3-1 |
| 3.3 Instruction Material . . . . .                                   | 3-1 |
| 3.4 Field Testing Criteria . . . . .                                 | 3-2 |
| 3.5 Shelf Life . . . . .   | 3-2 |
| 3.6 Electric Power . . . . .   | 3-2 |
| 3.7 Safety . . . . .   | 3-2 |

## 4 Connector Tests

|  |     |
|--|-----|
| 4.1 Conformance to Criteria of GR-326-CORE . . . . . | 4-1 |
| 4.2 Wavelength Dependency Test . . . . .             | 4-1 |
| 4.3 Assembly Test . . . . .                          | 4-2 |
| 4.4 Yield Criteria . . . . .                         | 4-3 |

## 5 Analysis Procedures

|   |     |
|---|-----|
| 5.1 Test Samples . . . . .  | 5-1 |
| 5.2 Service Life Tests . . . . .                                  | 5-1 |
| 5.2.1 Compliance of Service Life Tests with GR-326-CORE . . . . . | 5-1 |
| 5.3 Reliability Tests . . . . .                                   | 5-3 |
| 5.3.1 Compliance of Reliability Tests with GR-326-CORE . . . . .  | 5-3 |

**Appendix A: References**

A.1 Telcordia References . . . . . A-1  
A.2 Non-Telcordia Reference Documents . . . . . A-1  
    A.3.1 Contact Telcordia . . . . . A-1  
    A.3.2 Order Documents Online From the Telcordia Information SuperStore . A-1  
    A.3.3 Telcordia Web Sites for Generic Requirements Information . . . . . A-2  
    A.3.4 Telcordia Licensing Agreements . . . . . A-2

**Appendix B: Glossary**

B.1 Acronyms . . . . . B-1

**Requirement-Object Index**

## List of Figures

|            |   |     |
|------------|---|-----|
| Figure 2-1 | Sample Connector Assembly with One Plug Removed . . . . . | 2-1 |
|------------|---|-----|

## List of Tables

|           |                              |     |
|-----------|------------------------------|-----|
| Table 5-1 | Service Life Tests . . . . . | 5-3 |
|-----------|------------------------------|-----|