

# E DIN EN 3375-001:2020-09 (E)

Erscheinungsdatum: 2020-07-31

Aerospace series - Cable, electrical, for digital data transmission - Part 001:  
Technical specification; English version prEN 3375-001:2020

---

## Contents

Page

|                                                  |    |
|--------------------------------------------------|----|
| European foreword .....                          | 3  |
| 1 Scope.....                                     | 4  |
| 2 Normative references.....                      | 4  |
| 3 Terms and definitions .....                    | 4  |
| 4 Materials and construction of cables.....      | 5  |
| 4.1 General.....                                 | 5  |
| 4.2 Materials .....                              | 5  |
| 4.3 Construction of cables.....                  | 5  |
| 4.3.1 General.....                               | 5  |
| 4.3.2 Cabled cores.....                          | 5  |
| 4.3.3 Screened cables .....                      | 5  |
| 4.3.4 Outer jacket.....                          | 6  |
| 4.4 Colours of components and jacket.....        | 6  |
| 5 Required characteristics .....                 | 6  |
| 6 Test methods .....                             | 6  |
| 7 Quality assurance.....                         | 11 |
| 7.1 Qualification.....                           | 11 |
| 7.1.1 General requirements .....                 | 11 |
| 7.1.2 Qualification conditions .....             | 11 |
| 7.1.3 Qualification tests .....                  | 11 |
| 7.1.4 First article inspection tests.....        | 11 |
| 7.2 Acceptance test .....                        | 11 |
| 7.2.1 Required conditions.....                   | 11 |
| 7.2.2 Production routine tests .....             | 11 |
| 7.2.3 Tests prior to delivery.....               | 11 |
| 7.2.4 Periodic tests.....                        | 11 |
| 8 Identification and marking.....                | 12 |
| 8.1 Marking.....                                 | 12 |
| 8.2 Colours .....                                | 12 |
| 8.3 Identification .....                         | 12 |
| 9 Packaging, labelling and delivery lengths..... | 12 |
| 9.1 Packaging and labelling.....                 | 12 |
| 9.2 Delivery lengths.....                        | 13 |
| Bibliography.....                                | 14 |