

# **WIRE AND CABLE TECHNICAL INFORMATION HANDBOOK**



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## INTRODUCTION

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- American Society for Testing and Materials (ASTM),
- Canadian Standards Association (CSA),
- Electronic Industries Association/Telecommunications Industry Association (EIA/TIA),
- Institute of Electrical and Electronics Engineers (IEEE),
- International Electrotechnical Commission (IEC),
- Insulated Cable Engineers Association (ICEA),
- National Electrical Manufacturers Association (NEMA),
- National Fire Protection Association (NFPA),
- Underwriters Laboratories (UL),
- U.S. Navy Naval Ship Engineering Center (NAVSEC)

and from many publications of the leading wire and cable companies in the industry.

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## **CONTRIBUTORS**

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W. D. Wilkens, Editor



## **PREFACE**

Anixter Inc. was founded in 1957 as a specialized distributor of electrical and electronic wire and cable. Today Anixter is a specialist in the supply of wiring systems for the transmission of voice, data, video, and power with an international network of service centers. Anixter Inc. is a wholly owned subsidiary of Anixter International.

For over three decades, Anixter has been a major supplier of power, control, and instrumentation cable of business and industry. With the emergence of data communications, word processing, the electronic office, and local area networks, Anixter fills your need as a one-stop source for cable and hardware.

To assure product availability and on-time delivery, Anixter has linked its service centers and sales offices throughout North and South America, Europe, Asia and Australia with the most modern on-line "real time" Business Information system available. Anixter provides its customers with its exclusive Action electronic order entry and inquiry system. Call your nearest Anixter location for more information.

This handbook is designed to be a useful collection of engineering and technical information on electrical and optical wire and cable and related products. It is primarily intended for those individuals who design, specify, or troubleshoot wire and cable systems.

We have tried to make this handbook the best in the industry and hope we have succeeded. We welcome your comments and suggestions for improvement in future editions.

Anixter Inc.  
Wire & Cable Group  
1996

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