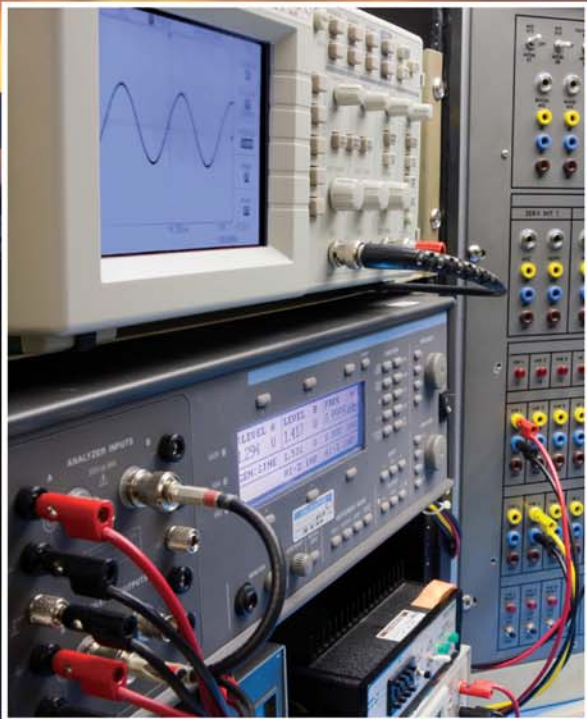


MileTek®

COMPLETE CONNECTIVITY SOLUTIONS SINCE 1981



INTERCONNECT SOLUTIONS

Military, Aerospace, Communications
and Industrial Applications

- RF Coaxial Assemblies and Connectors
- MIL-STD-1553 Components
- Twinax/Triax Assemblies and Connectors

For Expert Customer Service Call Today! 866-524-1553 • milestek.com



Dear Valued Customer,

For the past 30 years, our commitment to quality and service as a connectivity solutions provider has helped MilesTek gain the trust of thousands of engineers and installers all over the world. However, instead of resting on our reputation, MilesTek constantly tries to improve itself by keeping up with industry trends and responding to the feedback we get from customers.

With that, a lot has taken place at MilesTek. Just recently, we received our Certification of Compliance to the more stringent AS9100 Quality Standard, have added a complete offering of over 5,000 RF and Microwave Coaxial products, and launched a totally new website at MilesTek.com

In addition to our traditional Military Avionics offering, we are proud to highlight our new line of **RF and Microwave Coaxial products** including Connectors, Bulk Cable, and Cable Assemblies. A wide breadth of common RF connector and cable types are included such as BNC, SMA, SMB, SMC, N, TNC, MCX, F, and UHF connectors, and such standard cable types as RG58, RG59, RG174, RG316, RG178 and low loss cables. These products emphasize our goal of bringing a best-in-category solution to the marketplace and matching that quality with the service for which MilesTek is known.

This new full-color 128-page catalog contains a fully updated offering of both new and top selling solutions for the Mil-Aero industry. Product sections include the latest in Coaxial, MIL-STD-1553B, Twinaxial/Triaxial, Racks & Accessories, and Voice & Data. For the very latest product offerings and pricing, please visit us at MilesTek.com

Our customers have come to expect more than just products... they expect answers that will help them solve their installation or project questions. In addition to offering quality products and quick turnaround, our highly trained sales staff has the expertise to provide the technical support you need today.

Technical expertise, customer service and unbeatable value – that's the MilesTek Advantage.



MilesTek Mil-Aero Team

Intertek

Certificate of Registration



The following organization's quality management system has been assessed and registered by Intertek Testing Services NA, Inc. as conforming to the requirements of:

AS/EN/JISQ9100 – Revision B and ISO 9001:2008

Organization:

MilesTek Corporation

Main Site: 1506 Interstate Highway 35W, Denton, Texas, 76207, USA

Certificate Number
US-2856c

Initial Certification Date
December 10, 2004

Certificate Issue Date
October 26, 2010

Certificate Expiry Date
July 1, 2012



The Quality Management System is applicable to:

MilesTek is an integrated solutions provider, distributing specialty lines of low-voltage communications, fiber optics, video, audio, and security products. MilesTek also manufactures custom cable and electro-mechanical assemblies for the defense industry.

The assessment was performed in accordance with the requirements of AS9104A. Intertek is accredited under the Aerospace Registrar Management Program. In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client and then only in accordance with the agreed upon Certification Agreement.

Intertek Testing Services NA, Inc. – Boxborough, MA, USA

GF106-US-AS9100-ISO9001-2008-L – Issue Date 05/01/2010



For Expert Customer Service,
Call Our Sales Team Today!

Order at milestek.com or call **866-524-1553**
Email: militarysales@milestek.com Fax: 940-591-7086

MilesTek®

PHONE ORDERS AND TECHNICAL SERVICE:
1-866-524-1553 or 940-484-9400

7 a.m. to 6 p.m., Central Time, M-F, except holidays.
Fax Orders: 940-591-7086 – 24 hours a day, 7 days a week

INTERNET ORDERS:

www.milestek.com – 24 hours a day, 7 days a week

ORDERS:

Telephone, fax or mail orders welcomed. Normally most items are in stock. If partial shipment is requested, shipping/handling charges will be added to each shipment.

F.O.B. POINT:

Shipping Point. Freight charges are added to invoice.

PRICES:

Prices subject to change without notice.

PAYMENT TERMS:

Credit Cards:

Visa, MasterCard, American Express and Discover accepted.

Prepayment:

Money order, company or personal check (personal check will delay order about 2 weeks).

Commercial Open Account:

Net 30 terms extended to companies with approved credit. Open account may be set up by faxing, emailing or mailing trade and bank references.

Government:

MilesTek Corporation is a small business concern. Government (federal, state, county, city school districts, etc.) purchase orders are accepted with Net 30 terms. Government IMPAC Visa/Mastercard is accepted.

International:

Prices are in United States Dollars and F.O.B. shipping point, excluding any applicable taxes, custom duties or permit fees.

Payment in Advance via one of the following methods is acceptable:

- 1. Bank Transfer** - Wire Routing information is available by request. Please contact our Accounts Receivable department at AR@milestek.com or by phone 940-484-9400. Please add \$25.00 to your wire transfer to cover our bank charge for the wire transfer.
- 2. Cashier's Check, Certified Check or International Money Order** - Check must be payable in US Dollars. Sending check or money order via overnight courier will improve service.
- 3. Company Check** - Check must be drawn on a US Bank and is subject to MilesTek approval of sufficient funds.

WARRANTY:

MilesTek warrants its products to be free from defects of workmanship and material. If any such defects occur, replacement will be made without charge to our customers. This warranty does not cover normal wear and tear, or abuse. The warranty period depends upon the product.

RETURN POLICY:

All returns must have MilesTek authorization with return authorization number. All returns must be made within 30 days from shipment date and will be subject to a 20% restocking fee. RMA will be issued, but shipment of products back to MilesTek is customer's responsibility. Shipping charges for returns due to MilesTek error or evaluation for defect, will be covered at MilesTek's expense. RMA will be issued along with shipping label and instructions. Products **MUST** be in original packaging, not be damaged or marked on in any way, and contain all original piece parts. Any items that are returned and are not in re-sellable condition will not be considered for credit. For full version of MilesTek's return policy, visit our website at MilesTek.com.

TRADE MARKS:

All trade marks referenced are the service marks or trademarks of their respective owners.

DISPUTE RESOLUTION:

It is hereby agreed and understood that any dispute, difference or disagreement of any kind whatsoever, whether statutory or contractual, which arises from the services/products provided or relates in any way to the general business relationship of the parties to this agreement, shall be, as the sole available remedy, resolved through mediation or binding arbitration, rather than litigation. Any such mediation or arbitration shall be governed by the Federal Arbitration Act and conducted in accordance with the Rules of Mediation and Arbitration.

Quick Order:

Instantly place items in your cart just by entering the part numbers. Multiple part number entry is supported. Just one click from anywhere on the site from the Acct/Order Management at the top of every MilesTek.com page.

Catalog Quick Order

MilesTek
SEARCH You have (0) items in your cart
New Products Technical Support Contact Us Your Account

NEW! QUICK ORDER
Fast and easy ordering from any MilesTek Catalog or milestek.com

Item # Qty
Add Lines **ADD TO CART**

It's easy to order catalog items online. Just type in an item number, along with the the desired quantity, and click "Add to Cart".
Visit us at milestek.com

Quick summary of some of this new system's features:

- Our new Cable Assembly Wizard helps you find the assembly you need
 - Search by cable type and connector ends
 - Create a custom-length cable assembly, and place it in your cart to purchase.
 - Same-Day Shipping!
- Find Adapters quickly and easily with our Adapter Wizard
- New homepage Quick-Order feature allows fast and easy ordering from any MilesTek catalog or milestek.com
- Over 10,000 products available, including products for Mil-Std-1553B, RF Coaxial, Racks & Accessories, and Voice & Data!
- Enhanced security features
 - PCI Compliant and high-encryption to keep your sensitive information 100% secure

We hope you find the new MilesTek.com provides the excellent experience you deserve. Please let us know what you think!



Adapter Search Wizard

Connector A:

Connector B:

Select Type
BNC
F
RCA

Cable Assembly Search Wizard

Cable:

Cable Type:

Connector A Type:

Connector A Mount:

Connector B Type:

Connector B Mount:

Cable Length: Inch

Inventory Search:

You can find the products you need quickly and easily. Search by keyword, MilesTek part number and even by manufacturer's part number.

Order Status:

Our site now has a new order status function that allows customers to view the current status of any open or shipped order that was placed either over the web or over the phone, and provides customers with the ability to drill right down to the item detail level on each order. Our new order status function also allows customers to view their assigned tracking numbers for all UPS shipments, and provides a link to allow customers to directly view tracking information for these numbers through the UPS Tracking System.

Account Management:

We have located all the account and order management tools within one click from anywhere on our site. Just click on the Acct/Order Management link at the top of any page. Once you are logged into the site, you can change passwords, contact information, and review purchasing history.

Shipping Options:

We've added the ability to select expedited shipping. Customers can also enter their own UPS or FedEx account number for their order. UPS is MilesTek's preferred carrier.

Shopping Menu:

Navigate easily throughout our site and go directly where you need to go fast with our new shopping menu.

Download Catalogs:

Go 'Green' and download electronic/paperless versions of our latest catalogs which feature our newest products and solutions.

A More Intuitive Design:

Our new stylish design is simple and easy to navigate. We've chosen colors that are easy on your eyes and page layouts that are clear and easy to follow.

Technical Blogs, Videos and Information:

Our new technical blog provides an interactive forum for technical discussion regarding current and relevant industry trends. Check out our new capabilities video for MIL-AERO/MIL-STD-1553B applications. Technical drawings are available for many devices, cables and connectors.

INTRODUCTION

Quality Certification	1
Ordering Information	2
Online Ordering	3
Table of Contents	4-5

COAXIAL

New RF Coaxial Assemblies Introduction	6
RF Connector Frequency Range	7
RF Coaxial Assemblies Quick Page Reference	8-9

RF Coaxial Cable Assemblies

RG58/U Assemblies	10-11
RG59B/U Assemblies	12-13



RG174/U Assemblies	14-15
RG188A/U Assemblies	16-17
RG316/U Assemblies	18-19
RG142/U Assemblies	20-21
RG178B/U Assemblies	22
RG179B/U Assemblies	23
RG316-Double Shielded Assemblies	24
RG393/U Assemblies	25
RG400/U Assemblies	26-27
RG213/U Assemblies	28
RG214/U Assemblies	29

RF Precision Cables

1.85mm, 2.4mm, 2.9mm Precision Cables	30
N Precision Cables	30-31
SMA Precision Cables	31-32
TNC Precision Cables	32

RF Coaxial Connectors

7/16 DIN Connectors	32
BNC Connectors	32-33
C Connectors	33
F Connectors	33
FME Connectors	33
HN Connectors	33
MCX Connectors	33-34
MHV Connectors	34
MMCX Connectors	34
N Connectors	34



SC Connectors	34
SHV Connectors	34
Reverse Polarity SMA Connectors	34-35
SMA Connectors	35
SMB Connectors	35-36
SMC Connectors	36
SSMA Connectors	36
SSMB Plug Crimp	36
TNC Connectors	36
Reverse Polarity TNC Connectors	36
UHF Connectors	36

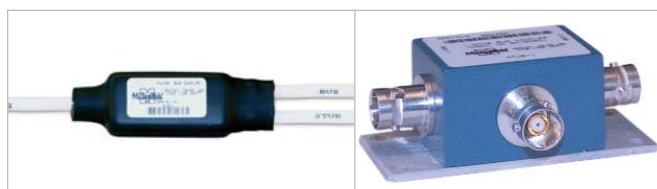
RF Coaxial Bulk Cable



General BNC Connectors, Adapters, Tools

MIL-STD-1553B

Bus Couplers, Box Style	42-57
Bus Couplers, Inline	58-65



Bus Scope Cables / Splicing / Tools	66
Relay Devices, Stub and Bus Switching	67-71
Twinaxial Bulk Cable	72
TRB Cable Assemblies	73
Custom TRB Cable Assemblies	74-79
TRB Accessories	80
TRB Connectors	81-83
TRS Subminiature Bus Couplers	84
TRS Subminiature Cable Assemblies	85
TRS Subminiature Connectors	86
Custom TRS Subminiature Cable Assemblies	87-90
Custom Military Harnesses and Interconnect Solutions	91-93
MIL-STD-1553B Concepts and Considerations	94-95

TWINAXIAL / TRIAXIAL

Twinaxial and Triaxial Cable Introduction96
 100 Ohm Twinax Bulk Cable and Specifications97



100 Ohm Twinax Assemblies & Accessories98-99
 124 Ohm Twinax Bulk Cable and Specifications100
 124 Ohm Twinax Assemblies & Connectors101
 50 Ohm and 75 Ohm Triax Bulk Cable and Specifications102
 50 Ohm Triax Assemblies & Connectors103



75 Ohm Triax Assemblies & Connectors104
 Custom Patch Panels105

RACKS & ACCESSORIES

Racks/Enclosures106-107
 Wall Mount Panels, Racks108



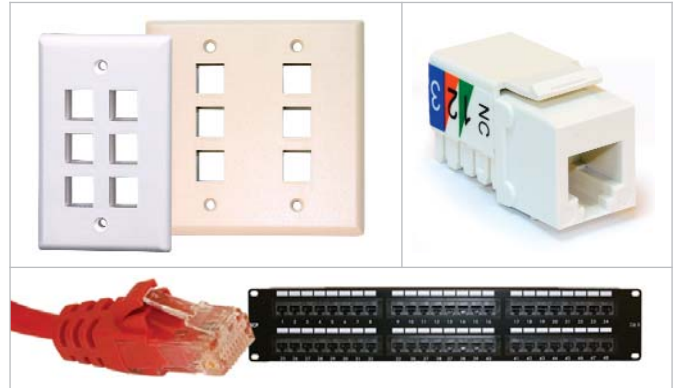
2-Post Relay Racks109
 Rack Shelves and Drawers110



Power Strips110-111
 Horizontal Cable Management112
 Blank Panels112
 Ladder Racks113

VOICE & DATA

CAT5E and CAT6 Bulk Cable114
 EZ RJ45 and RJ11 Modular Plugs, Tools115
 RJ45/RJ11 Modular Adapters/Couplers115
 Insert Wall Plates115
 CAT5E, CAT6, RJ11, AV Jacks116



CAT5E and CAT6 Patch Cords, Panels117
 Fiber Optic Patch Cords118
 Fiber Media Converters118
 USB Cables, Over CAT5E/CAT6 Extenders119

CABLE MANAGEMENT

Cable Ties120



REFERENCE

Product Index121-124
 Credit Application125
 Binding Terms & Conditions126-127
 Order Form128