



D100-0824-101T CAT 5E ETHERNET CABLE

A LOW-WEIGHT, AIRCRAFT-GRADE ETHERNET CABLE FOR GUARANTEED PERFORMANCE AT ONE GIGABIT.



PHYSICAL AND ELECTRICAL PROPERTIES

Jacket:	Laser Markable White ETFE
Diameter:	.240" (6.09mm)
Impedance:	100 Ohms
Attenuation @ 100ft (30.48m):	7.89dB @ 100MHz
Weight @ 100ft (30.48m):	4.40lbs/100ft (1.99kg)
Operating temperature:	-50°C to +150°C

DESIGN PROPERTIES

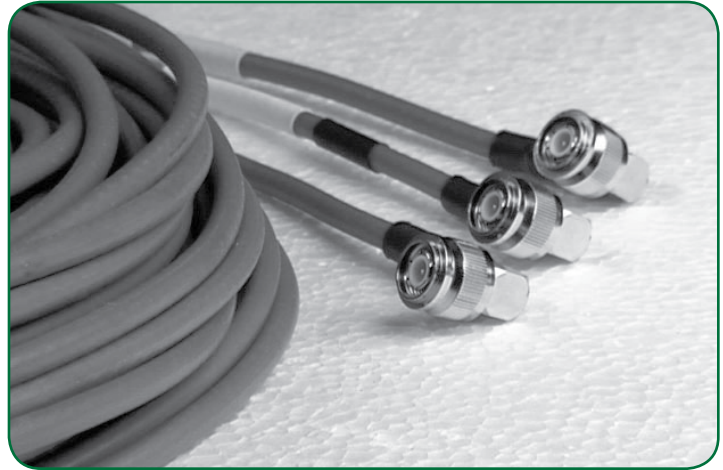
- FAR part 25.869, appendix F, part I (a)(3) for burn
- Skydrol resistant
- Laser marking will have 62% contrast in reference to outer jacket

CONNECTORS AND TOOLING

- RJ45 - 0824LGOD, RJ45-664 connectors
- Sentinel tool 900007

COAXIAL CABLE

EMTEQ proudly offers two families of coaxial cables including low smoke, zero halogen, aircraft grade polyethylene and high temperature polytetrafluoroethylene. These designs meet or exceed FAA and OEM requirements. For more information about our coaxial and specialty cable offerings, visit www.emteq.com or call your EMTEQ sales representative.



RF Coaxial Cables

VALUE-ADDED CAPABILITIES

Our value added capabilities ensure comprehensive solutions and support for your program's success.

- Project and program management including on-site engineering support
- Integrated lighting, cabin systems and avionics installation kits with design data package development
- On-site technical support, 24-hour AOG support, and installation services
- FAA DER, DAR, DMIR, and PMA certification expertise; FAA consulting services including DER alteration approval services
- Product development, design, testing and analytical services
- FAA STC development with FAA Partnership for Safety Plan and sales/local authority certification approval coordination
- FAA approved structural repair development
- Transport Canada Aeronautical Products Manufacturer and Maintenance Organization approvals and Transport Canada Design Approval Organization

QUALITY ASSURANCE

EMTEQ's quality inspection program complies with EN/JSIQ/AS9100:2004 and airframe OEM standard compliance for the consistent production of high performance products. Our headquarters in New Berlin, WI is an FAA/PMA approved manufacturing facility as well as an approved FAA/EASA Part 145 Repair Station. Additionally, we provide first article inspection; customer drawing log and revision control; and warehousing and lot control of customer supplied parts.

CONTACT US TODAY TO DISCUSS HOW WE CAN PROVIDE TOTAL PACKAGE SOLUTIONS TO MEET YOUR INDIVIDUAL NEEDS.

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