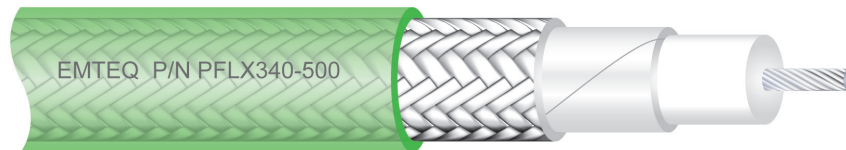# EMTEQ®

PFLX340-500 RF COAXIAL CABLE

A LOWER LOSS OPTION IN PLACE OF PFLX240-501 WITH GREAT ELECTRICAL PERFORMANCE FOR LONG CABLE RUNS AND HIGH FREQUENCY APPLICATIONS.

EMTEQ P/N PFLX340-500

PFLX340-500

PHYSICAL AND ELECTRICAL PROPERTIES

Jacket:	Green, low smoke, low toxicity, zero halogen polyethylene (PE)
Diameter:	.34" (8.63mm)
Impedance:	50 Ohms
Attenuation @100ft (30.48m):	3.46dB @ 400MHz
	5.7dB @ 1000MHz
	7.59dB @ 1600MHz
Weight @ 100ft (30.48m):	7.40lbs/100ft (3.35kg)
Operating temperature:	-55°C to +85°C

DESIGN PROPERTIES

- FAR part 25.869, appendix F, part I (a), (3) for burn
- MIL-C-17
- Skydrol resistant
- >90dB shielding effectiveness

CONNECTORS AND TOOLING

- Y137A Hex die
- Contact EMTEQ for connector and tooling options

All values nominal.

COAXIAL CABLE

EMTEQ proudly offers two families of coaxial cables including low smoke, zero halogen, aircraft grade polyethylene and high temperature polytetrafluroethylene. 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
ENSURING COMPREHENSIVE SOLUTIONS AND SUPPORT FOR YOUR PROGRAM'S SUCCESS.

- Project and program management including on-site engineering support
- On-site technical support, 24-hour AOG support, and installation services
- In-house FAA DER, DAR, DMIR, and PMA certification expertise; FAA consulting services including DER major alteration approval
- Product development, design, testing and analytical services
- FAA and EASA STC development and design data package development with FAA Partnership for Safety Plan and sales/local authority certification approval coordination
- FAA and EASA approved structural repair development
- Transport Canada Aeronautical Products Manufacturer and Maintenance Organization approvals and Transport Canada Design Approval Organization at ACS-NAI
- Subcontract manufacturing services to airframe manufacturers and maintenance organizations

QUALITY ASSURANCE

EMTEQ's global quality inspection programs comply with EN/JSIQ/AS9100:2004, ISO9001:2008, or EN9100:2003 standards, as well as airframe OEM standard compliance for the consistent production of high performance products. EMTEQ has an approved FAA/EASA Part 145 Repair Station in New Berlin and an EASA Part 145 Repair Station in Switzerland. EMTEQ's New Berlin office is an FAA/PMA approved manufacturing facility. Additionally, we provide first article inspection, customer drawing log and revision control, as well as warehousing and lot control of customer supplied parts.

CONTACT US TODAY TO DISCUSS HOW WE CAN SUPPORT YOUR SPECIFIC NEEDS.