TFLX480-100
RF coaxial cable

An impressively low loss cable option to Rockwell Collins’ TFLX410-100 for a variety of aircraft applications.

PHYSICAL AND ELECTRICAL PROPERTIES

<table>
<thead>
<tr>
<th>Jacket</th>
<th>Diameter</th>
<th>Impedance</th>
<th>Attenuation at 100 ft. (30.48 m)</th>
<th>Weight at 100 ft. (30.48 m)</th>
<th>Operating temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extruded fluorinated ethylene propylene (FEP)</td>
<td>.48” (12.19 mm)</td>
<td>50 ohms</td>
<td>2.2 dB @ 400 MHz 3.5 dB @ 1000 MHz 4.8 dB @ 1600 MHz</td>
<td>19.40 lbs./100 ft. (8.79 kg)</td>
<td>-55° C to +150° C (Jacket rated to +200° C)</td>
</tr>
</tbody>
</table>

DESIGN PROPERTIES

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

CONNECTORS AND TOOLING

- Y151A hex die
- Contact Rockwell Collins for connector and tooling options

All values nominal.
Coaxial cable

Rockwell Collins 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 rockwellcollins.com or call your Rockwell Collins sales representative.

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
We have an approved FAA/EASA Part 145 Repair Station in New Berlin, Wisconsin and an EASA Part 145 Repair Station in Switzerland. Our 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.