This document and all information contained herein is the sole property of Radiall and is subject to the confidentiality obligations of the recipient.

This document shall not be reproduced or disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall.

No intellectual property rights are granted by the delivery of this document or the disclosure of its content.

The statements made herein do not constitute an offer.
Table of Contents

• Introduction
• Product information
• Application
Introduction
Introduction

• Test cable assemblies are intended for daily use in the following applications:
  • Component and assembly shops
  • Test labs
  • Automatic test equipment
Differentiators

- The reliable design of test cable assemblies is different from standard cable assemblies, and are the perfect solution for applications that require:
  - Repeated connection/disconnection
  - Strenuous flexing
  - Robustness for continuous cable and connector wear
Product Information
Main Features

• Stability
  • Repeatable measurement

• Durability
  • Real cost of ownership
Product Range

- TestPro 4.2
  - 18 GHz test cable
- TestPro 3
  - 26.5 & 40 GHz high end test cable
- TestPro 2
  - 50 GHz high end test cable
Stability

• Establishing market reference
  • TestPro 4.2
    • 2° Typical phase variation at 18GHz
    • 0.05 dB Typical IL variation
  • TestPro 3
    • 5° Typical phase variation at 40 GHz
    • 0.05 dB Typical IL variation
  • TestPro 2
    • 6° Typical phase variation at 50 GHz
    • 0.05 dB Typical IL variation
Durability

- 5,000 mating/unmating life cycles
  More than 10 times the industry standard
- 20,000 bending cycles

Bending cycle test machine
Laboratory

- Laboratory & test bench application
  - Qualification/certification
  - Environmental & temperature test chambers
Satellite Testing

• Measurement in thermal vacuum environment according ESA specifications
Defense System Test

- Mobile Radar/Electronic Warfare (R/EW) test systems
- Flight and pre-flight tests
- Armament/Missile System test sets
- Radio communication test sets
Telecom Equipment Test

- Components and assembly shop test stations
- High volume automatic RF test
- Cellular infrastructure site testing
Other equipment

- Anechoic chamber testing
- Test services for RF switches and switch matrices
Best Value

- User-friendly
  - Flexible
  - Repeatable measurement
  - Long calibration intervals

- Life cycle
  - Outstanding crush, torque & kink resistance
  - 5,000 mating cycles
  - 20,000 flex cycles
Thank you!