

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

PAGE 1/1	ISSUE **01/05/2025**	SERIES **TestPro Cable**	PART NUMBER **1900950953048PJ**

All dimensions are in mm
For more details, please see connectors TDS



DESIGNATION

Cable	**Measurement cable - P/N - TestPro 3 Low Profile**
Connector Left	**SMA 2.9 - straight plug - passivated stainless steel - P/N: R127801331**
Connector Right	**SMA 2.9 - straight plug - passivated stainless steel - P/N: R127801331**
Assembly Length	**3048 mm / 120.00 inch (tolerance = ± 2%)**
Assembly Weight	**212.40 gr / 7.49 oz (tolerance = ± 5%)**

ELECTRICAL CHARACTERISTICS

Characteristic impedance	**50 Ohms**
Max operating frequency	**40.0 GHz**
Assembly Typ Insertion Loss	**9.01 dB (at 20 °C, at 40.0 GHz)**
Assembly Typ VSWR	**1.35 (at 40.0 GHz)**
Assembly Max. Insertion Loss	**10.00 dB (at 20 °C, at 40.0 GHz)**
Assembly Max VSWR	**1.40 (at 40.0 GHz)**
Assembly Max Return Loss	**15.6 dB (at 40.0 GHz)**
Phase stability vs. Temp	**4° / m / GHz (-55° / +100°C)**
Dielectric withstanding voltage	**1000 V**
Insulation resistance	**5000 M.Ohms**
Other	**Amplitude stability typ. (dB) 0,05 @ 40GHz**
	Phase with flexure stability typ. 4,8° @ 40GHz
	Note: Max IL are indicative only when superior to 40dB

MECHANICAL CHARACTERISTICS

Cable Outer diameter	**3.64 mm Max | 0.143 inch**
Static bending radius	**25.0 mm | 0.98 inch**
Dynamic bending radius	**50.0 mm | 1.97 inch**
Other	**Flexure life cycle > 20,000**
	Mating cycles durability > 5,000

ENVIRONMENTAL CHARACTERISTICS

Temperature range	**-55 +125°C**
Fire resistance	**Yes**
RoHS	**Yes**

This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP