

SP500 Polishing Machine

A LANscape® Solutions Product

Corning
Cable Systems

Description

The Corning Cable Systems SP500 Polishing Machine was designed to accommodate various 2.5-mm ferrule connector types and polishes. With consistent and repeatable processes, even an inexperienced installer can achieve the specified results with minimal training. Polishing processes and consumables are available for reflectance values down to -55 dB for radiused polished connectors and -65 dB for angled polished connectors.

Polishing plates are available separately to accommodate the ST® compatible, SC and FC connector styles. Angled connector polishing plates are available in SC and FC.

The SP500 is a highly reliable machine that is designed for low maintenance and high reliability. Corning Cable Systems also offers maintenance and repair programs.



SP500 Polishing Machine | Photo HWPSS1661

Features / Benefits

- Consistent polishing process for Angled PC, Super PC and Ultra PC connectors with 2.5-mm ferrules
- Variety of connector polishing plates available
- Single-mode or multimode polishing
- Small and compact
- Adjustable pressure slide
- Swing-up arm allows cleaning and changing of paper between steps

SP500 Polishing Machine

A LANscape® Solutions Product

Corning
Cable Systems

Specifications

Reflectance (typical)	Super PC: ≤ -40 dB Ultra PC: ≤ -55 dB Angled PC: ≤ -65 dB
Insertion Loss (typical)	0.2 dB
Electrical Requirements	120 V, 60 Hz
Polisher Weight	11.34 kg (25 lb)
Shipping Weight with Transit Case	22.68 kg (50 lb)
Transit Case Dimensions (H x W x D)	39.37 x 46.99 x 41.91 cm (15.5 x 18.5 x 16.5 in)
Polisher Dimensions (H x W x D)	30.48 x 15.24 x 20.32 cm (12 x 6 x 8 in)

Ordering Information

Part Number	Description
SP500	Connector Polishing Machine includes transit case and four rubber polishing pads (polishing plates must be ordered separately)
SP500-SC-12	SC Connector Polishing Plate, 12 port for SP500/SP1000
SP500-FC-12	FC Connector Polishing Plate, 12 port for SP500/SP1000
SP500-ST-12	ST® Compatible Connector Polishing Plate, 12 port for SP500/SP1000
SP500-ASC-10	SC Angled PC Connector Polishing Plate, 10 port for SP500/SP1000
SP500-AFC-12	FC Angled PC Connector Polishing Plate, 12 port for SP500/SP1000

Consumables Kit

SP500-SF-M	Multimode Ceramic Ferrule Connector Polishing Kit
SP500-CSF-M	Multimode Composite Ferrule Connector Polishing Kit for 600 connectors (must add SP500-GPP to this kit)
SP500-SF-S	Single-mode Ultra PC Connector Polishing Kit for 600 connectors
SP500-NPAPC	Single-mode Angled PC Connector Polishing Kit for 600 connectors
SP500-RPP	Rubber Polishing Pad
SP500-GPP	Glass Polishing Plate for composite ferrules

Corning Cable Systems LLC • PO Box 489 • Hickory, NC 28603-0489 USA
1-800-743-2675 • FAX: +1-828-901-5973 • International: +1-828-901-5000 • <http://www.corning.com/cablesystems>

Corning Cable Systems reserves the right to improve, enhance and modify the features and specifications of Corning Cable Systems' products without prior notification. LANscape is a registered trademark of Corning Cable Systems Brands, Inc. Discovering Beyond Imagination is a trademark of Corning Incorporated. ST is a registered trademark of Lucent Technologies. All other trademarks are the properties of their respective owners. Corning Cable Systems is ISO 9001 certified. © 2003 Corning Cable Systems. All rights reserved. Published in the USA.
LAN-481-EN / October 2003 / pdf

