



SEIKOH GIKEN



Uniboot for QSFP-DD: MDC Plug Polishing

Polishing Machine : SFP-550 series and SFP-560A

Polishing Holder : PH55-MDC-12 PH55-MDC-24 PH55-MDC-48

Connector : MDC / PC connector from USC

■ Features

- Plug type polishing holder
- Various capacity types are available
- IPC (Independent Pressure Control) based holders and work with existing SFP-550 series polishing machines and also new SFP-560A

■ Polishing Process for MDC

STEPS	PAD	FILM	LIQUID	TIME (SEC)	Pressure
1st.	PR5X-500-80	GA5D	D.I Water	10	None
Check if IPC is working by pushing ferrules					
2nd.	PR5X-500-80	DH5D-3u	D.I Water	40	After start
3rd.	PR5X-500-80	DJ5D-1u	D.I Water	40	After start
Final	PR5X-500-80	XF5D	D.I Water	40	After start

WORLDWIDE SUBSIDIARIES AND SALES OFFICES:

North America

Atlanta, Georgia
Tel: +1-770-279-6602
Fax: +1-770-279-8839
sales@sg-usa.com

Europe

Frankfurt, Germany
Tel: +49-6102-297-700
Fax: +49-6102-297-750
info@sg-euro.de

Asia

Matsudo, Japan
Tel: +81-47-388-6111
Fax: +81-47-388-4477
sales.div@seikoh-giken.co.jp

China

Hangzhou, PROC
Tel: +86-571-8777-4098
Fax: +86-571-8777-4099
sales@seikoh-giken.net

Seikoh Giken reserves the right to improve, enhance and modify features and specifications of Seikoh Giken products without prior notifications



■ Polishing Performance

Condition

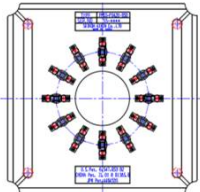
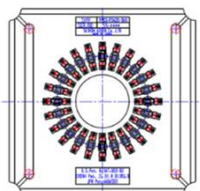
Sample : N = 22 plugs (44 ferrules)
Holder : PH55-MDC-12
Polisher : SFP-550C

Result

	Ferrule radius (mm)	Fiber undercut (nm)	Apex offset (um)
AVE	12.4	26.7	16.2
STD	1.2	7.2	6.9
MAX	15.2	37.4	29.6
MIN	10.5	17.9	3.2
MAX-MIN	4.7	19.5	26.3

■ Product Availability

Plug Polishing Holder

Plug Polishing		P/N	Description	Image
MDC	PC	PH55-MDC-12	IPC holder for MDC plug, 12-plugs (24 ferrules), Push-pull type IPC, Circular layout	
MDC	PC	PH55-MDC-24	IPC holder for MDC plug, 24-plugs (48 ferrules), Push-pull type IPC, Circular layout	
MDC	PC	PH55-MDC-48	IPC holder for MDC plug, 48-plugs (96 ferrules), Push-pull type IPC, Liner layout	