

OPJC-CO MJ-01-M

MT-RJ polishing jig for fiber optic connectors

Description:

Optokon's stainless steel polishing jig, type OPJC-CO MJ-01-M, is designed for manual polishing operation. A precisely cut hole prevents even the slightest misalignment of the connector end face touching the polishing surface. A uniquely designed opening allows polishing the assembled connector type MT-RJ with the highest quality results.

The Optokon MT-RJ jig is designed for professional fiber optic installer. Equipped with three sapphire stones, the jig will not grind away during polishing. Less expensive jigs leave a residue (actual jig material) that can scratch and contaminate the fiber end-face, causing increased dB loss and less reliable performances.

The Optokon MT-RJ jig pays for itself by eliminating costly repairs due to faulty terminations as well as by greatly extending the life of your polishing paper.



Features:

- facilitates high precision manual polishing process
- ensures ultra high quality alignment of the ferrule's face
- helps extend a longer life of polishing paper

Applications:

- LAN, WAN data networks
- local access fiber optic networks



Performance specifications:

Item	Parameters
Material	stainless steel sapphire stones
Dimensions	diameter 40 mm height 14 mm

Ordering Code:

OPJX - XX XX - XX - XX

F1 - ferrule 1.25 mm
F2 - ferrule 2.5 mm
F3 - SMA ferrule
C - connector

CO - convex polishing
(flat for MT ferrule)
N8 - 8° angle
N9 - 9° angle
NX - X° angle

Type of Polishing Machine

OF - Seiko Instrument
SF - Seikoh Giken
M - manual operation

Connector Type	Number of Connectors			
	01	06	08	12
PC - FC	x			x
SC	x	x		
E2 - LSH/E2000		x		x
LC			x	
MU				x
MT		x		
MJ - MT-RJ	x ¹		x	
DIN		x ²		x ³
SL - ST	x			x
SMA - SMA 905		x		

Note: 1) MT-RJ jig for manual polishing
2) N8 DIN
3) CO DIN

MT-RJ polishing set:

MT-RJ polishing jig: **OPJC-CO MJ-01-M**

Consumables:

Polish film: 1-st stage **OPF3-046-m**, black 9" x 6.5"
2-nd stage **OPF3-047-m**, pink 9" x 6.5"
3-rd stage **OPF3-048-m**, green 9" x 6.5"

For an optimum MT-RJ connector polish, Optokon recommends a three stage wet (water) polish utilizing 15 µm, 3 µm and 1 µm lapping film. The polishing pad shall be flat, hard material (e.g. glass pad). During the three step process the sheet 9" x 6.5" will typically yeild up to 5 connectors.