

MODE CONDITIONING PATCHCORDS



Rougil mode conditioning patchcords are specifically designed for launching your gigabit signal into a conventional 62.5/125 or 50/125 fiber with very high bandwidth. The Rougil mode conditioning patchcords can improve the transmission bandwidth by 3 to 4 times and greatly reduce modal noise.

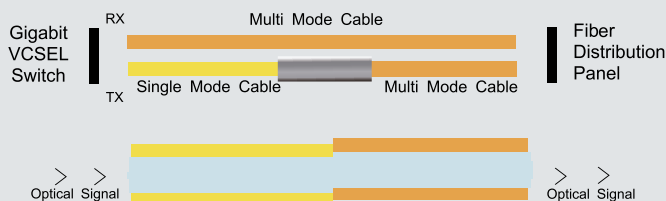
PRODUCT PACKAGING

- Each MC patch cord is packaged individually and individually identified for traceability, a test certificate is supplied for each assembly.

OPTIONS

- Bend insensitive fibers G657A/B
- OM4 fibers 10 Gigs at 550 meters
- Any color of cable jacket and connectors available
- OFNP plenum jacket

Mode Conditioning Principle



ORDERING INFORMATION

To order Optic fiber assemblies the Rougil part number follows the following sequence.

MCD					
	Connectors End 1 ¹	Connectors End 2 ²	Fiber Size	Length (m)	Jacket Type
	FC FC/APC SC SC/APC ST LC LC/APC MT-RJ MU	FC FC/APC SC SC/APC ST LC LC/APC MT-RJ MU	62-62.5/125 50-50/125 OM3-OM3	1m 2m 3m 5m 10m XXm	LS=LSZH PV=PVC

¹ Other connectors are available on request.
² Other lengths are available on request.

SPECIFICATIONS

DESCRIPTION	62.5/125	50/125
Operating wavelength		1310nm
Maximum insertion loss		0.5dB
Coupled power ratio(CPR)	28 to 40dB	12 to 20 dB
Back reflection	S/M channel: 30dB M/M channel: 20dB	
Connector finish	PC or APC	
Sheath color	Orange (Yellow for SM leg)	

CONNECTORS AVAILABLE

Types	FC , FC/APC , ST , SC , SC/APC , LC , MT-RJ , MU
Length	2m ± 10mm (Other lengths available to order)