



VERTICAL CABLE

SPLICE-ON PLUGS MECHANICAL 12-PACKS 263-OSP SERIES

DESCRIPTION

Optical Fiber Splice-on Plugs, Mechanical, Multiple Fiber Classes, Buffered or Tight Buffered Jacket, 12-Pack

FEATURES

- 900- μ m buffered fiber or 2-3-mm OD tight-buffer round cables
- Factory pre-polished
- Telecordia GR-326-CORE
- "V" groove fiber retention mechanism
- Tools: Fiber stripper, fiber cleaver, cleaning wipes, VFL (optional)

Multimode OM1

263-OSP03-10A12



263-OSP04-1BA12



Multimode OM3

263-OSP03-10C12



263-OSP04-1BC12



Singlemode UPC

263-OSP03-10Z12



263-OSP04-1FZ12



263-OSP04-1BZ12



Singlemode APC

263-OSP03-10Y12



263-OSP04-1FY12



263-OSP04-1BY12



Florida (HQ)
800-749-2447

California
951-696-7772

New York
845-391-8318

Texas
713-322-7242

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Rev. 03/2026

CHARACTERISTICS

Fiber Class		SM UPC	SM APC	OM1	OM3	
Plug Type	SC	PN:	263-OSP03-10Z12	263-OSP03-10Z12	263-OSP03-10A12	263-OSP03-10C12
		Body Color:	● Blue	● Green	○ Beige	
		Cable Type:	900- μ m buffered fiber or 0.08–0.12 in. (2–3 mm) OD tight-buffer round cables			
		Full Length:	2.36 in (60 mm)			
	LC	PN:	263-OSP04-1FZ12	263-OSP04-1FY12		
		Body Color:	● Blue	● Green		
		Cable Type:	0.08–0.12 in. (2–3 mm) OD tight-buffer round cables			
		Full Length:	1.77 in. (45 mm)			
		PN:	263-OSP04-1BZ12	263-OSP04-1BY12	263-OSP04-1BA12	263-OSP04-1BC12
		Body Color:	● Blue	● Green	● Blue	
		Cable Type:	900- μ m buffered fiber			
		Full Length:	1.38 in (35 mm)			
Fiber Core Size:	8–10 μ m		62.5 μ m	50 μ m		
IL:	≤ 0.2 dB typical	≤ 0.25 dB typical	≤ 0.2 dB typical	≤ 0.2 dB typical		
RL:	≥ 50 dB	≥ 60 dB	≥ 30 dB	≥ 30 dB		
End-Face Polish:	Factory pre-polished					
Fiber Retention Mechanism:	“V” groove					
Material:	Polyetherimide (PEI)					
Termination Time:	~15 s (excluding fiber preparation)					
Termination Yield:	>98 %					
Tools:	Fiber stripper, fiber cleaver, cleaning wipes, VFL (optional)					
Mechanical Durability:	>1000 mating cycles					
Reusability:	>10 times					
Tensile strength:	>5 N (1.1 lbf)					
Buffer Retention Strength:	0.9-mm buffered fibers: ≥ 10 N (2.3 lbf) 2–3-mm cables: ≥ 40 N (2.3 lbf)					
In-Line Tensile Strength:	IL ≤ 0.3 dB at 20 N (4.5 lbf)					
Durability Test:	Polyetherimide (PEI)					
Drop Test:	~15 s (excluding fiber preparation)					
Storage Temperature:	>98 %					
Operating Temperature:	Fiber stripper, fiber cleaver, cleaning wipes, VFL (optional)					
Operating Humidity:	>1000 mating cycles					
Compliance:	>10 times					

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Fiber Class	SM UPC	SM APC	OM1	OM3
Cable OD	0.04 in. (0.9 mm)			
Plug Type: LC	263-OSP04-1BZ12	263-OSP04-1BY12	263-OSP04-1BA12	263-OSP04-1BC12
Cable OD	0.08 - 0.12 in. (2 mm - 3 mm (round))			
Plug Type: LC	263-OSP04-1FZ12	263-OSP04-1FY12	-	-
Cable OD	0.04 in., 0.08 - 0.12 in. (0.9 mm, 2 - 3 mm) (round or flat)			
Plug Type: SC	263-OSP03-10Z12	263-OSP03-10Y12	263-OSP03-10A12	263-OSP03-10C12

