

Modular Components

Splice-on Plugs – Mechanical

Fiber class	SM UPC	SM APC	OM1	OM3
Cable OD	0.9 mm			
Plug type: LC	263-OSP04-1BZx	263-OSP04-1BYx	263-OSP04-1BAx	263-OSP04-1BCx
Cable OD	2 mm–3 mm (round)			
Plug type: LC	263-OSP04-1FZx	263-OSP04-1FYx		
Cable OD	0.9 mm, 2–3 mm (round or flat)			
Plug type: SC	263-OSP03-10Zx	263-OSP03-10Yx	263-OSP03-10Ax	263-OSP03-10Cx

Substitute "x" in PN with:  
 \*01\*: -pack;  
 \*06\*: 6-pack;  
 \*12\*: 12-pack;  
 \*24\*: 24-pack;  
 \*48\*: 48-pack;  
 \*96\*: 96-pack.



CHARACTERISTICS

Fiber class:		SM UPC	SM APC	OM1	OM3	
Plug type	SC	PN:	263-OSP03-10Z	263-OSP03-10Y	263-OSP03-10A	263-OSP03-10C
		Body color:	●Blue	●Green	○Beige	
		Cable type:	900-µm buffered fiber or 2–3-mm OD tight-buffer round cables			
		Full length:	60 mm (2.36 in)			
	LC	PN:	263-OSP04-1FZ	263-OSP04-1FY		
		Body color:	●Blue	●Green		
		Cable type:	2–3-mm OD tight-buffer round cables			
		Full length:	45 mm (1.77 mm)			
		PN:	263-OSP04-1BZx	263-OSP04-1BYx	263-OSP04-1BA	263-OSP04-1BC
		Body color:	●Blue	●Green	●Blue	
		Cable type:	900-µm buffered fiber			
		Full length:	35 mm (1.38 in)			
Fiber core size:	8–10 µm			62.5 µm	50 µm	
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 test:	IL ≤0.3 dB at 20 N (4.5 lbf)					
Durability test:	IL ≤0.3 dB after 500 mating cycles					
Drop test:	IL ≤0.3 dB (drop height: 4 m (13 ft), concrete floor, three times)					
Storage temperature:	-45 °C–+85 °C (-49 °F–+185 °F)					
Operating temperature:	-40 °C–+75 °C (-40 °F–+167 °F)					
Operating humidity:	≤95 % RH non-condensing					
Compliance:	Telcordia GR-326-CORE					