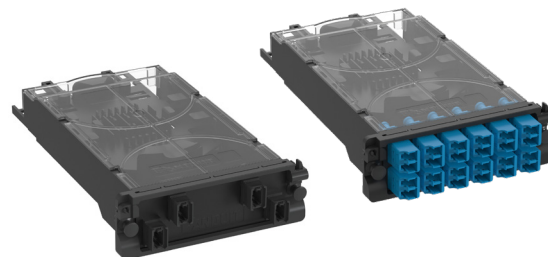


SPECIFICATIONS

Opticom fiber optic splice cassettes shall consist of fiber adapters terminated with bare fiber leads for quick and easy splicing in high density applications. Connector options include LC, LC/APC, SC, SC/APC, and MPO adapters for either singlemode or multimode applications. The splice cassettes are available with 250µm discrete or flat ribbon pigtails, up to 48 fibers. The cassettes include all accessories required for field splicing; splice protectors, splice holders, and cable ties to secure the incoming cable to the cassette body. Fiber and adapter colors follow TIA/EIA-568-C.3 suggested color identification scheme. The cassettes are compatible with all Opticom Enclosures (FRME*, FCE*) and patch panels.



APPLICATIONS

Opticom splice cassettes facilitate field splicing of twelve SC, SC/APC or LC, LC/APC, twenty four LC, LC/APC or MPO, or forty eight MPO fibers in a convenient cassette-based system. These robust cassettes are applicable for enterprise, datacenter, colo, and edge deployments.

STANDARDS

Meets or exceeds:	Connectivity meets or exceeds TIA/EIA-568-C.3 performance requirements. Supports IEEE 802.3ae and ANSI T11.2 (fiber channel) channel and link specifications. Compliant with ROHS 2002/95/EC.
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CONSTRUCTION

Fiber count:	12, 24, 48	
Fiber types:	Singlemode: OS1/2 9/125µm	Multimode: OM4 50/125µm
Front connectivity:	LC Duplex, SC Duplex LC/APC Duplex (OS2 only) SC/APC Duplex (OS2 only) MPO-12	
Split sleeve material (SC or LC adapters):	Zirconia Ceramic: OM4 Multimode cassettes OS2 Singlemode cassettes	
Includes:	1-meter pigtails Splice protection sleeves (individual and ribbon)	Cable ties Splice holder

ENVIRONMENTAL PROPERTIES

Temperature range:	Storage and shipping: -40°C to 75°C (-40°F to 167°F) Operation: 0°C to 70°C (32°F to 158°F)
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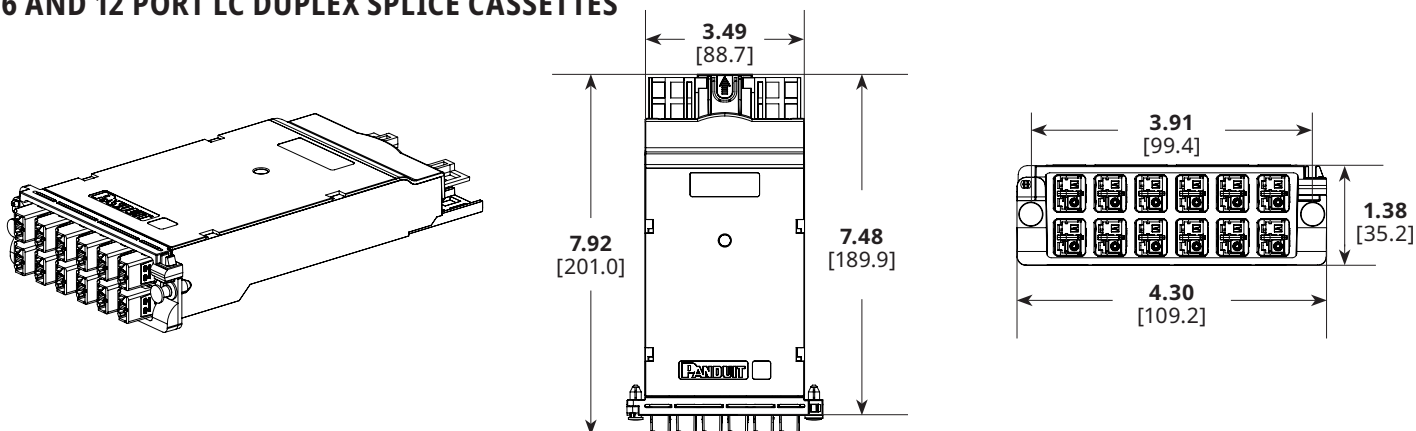
PERFORMANCE PROPERTIES

Insertion loss (link loss):	OS2 Standard: 0.35dB plus splice loss OM4 Optimized: 0.15dB plus splice loss OM5 Optimized: 0.15dB plus splice loss MPO:OS2 Optimized: 0.5dB plus splice loss MPO:OM4 Optimized: 0.35dB plus splice loss
Return loss:	Per fiber: >26dB Multimode >55dB Singlemode
Connector durability:	Connectors meet TIA/EIA-568C.3 A.4.9 Durability: 500 mating cycles

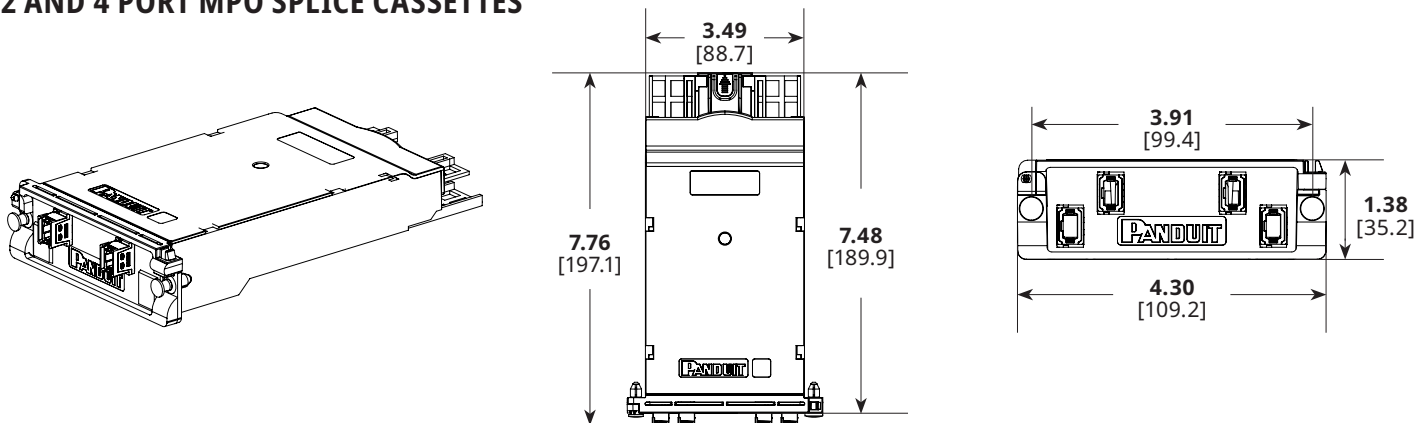
Opticom® Fiber Optic Splice Cassettes

Part Number	Fiber Count	Fiber Type	Connector	Port Count	Pigtail	Performance
FCS2-48	Up to 48	N/A				
FCS29N-12-LAP	12	OS2	LC/APC	6 Duplex	Discrete	Standard (0.35dB + splice loss)
FCS29N-12-LSP			LC			
FCS2ZO-12-LSP		OM4	LC			Optimized (0.15dB + splice loss)
FCS29N-12-03P		OS2	SC			Standard (0.35dB + splice loss)
FCS29N-12-3GP			SC/APC			
FCS2ZO-12-03P		OM4	SC			Optimized (0.15dB + splice loss)
FCS29N-24-LAP	24	OS2	LC/APC	12 Duplex		Standard (0.35dB + splice loss)
FCS29N-24-LSP			LC			
FCS2ZO-24-LSP		OM4	LC		Optimized (0.15dB + splice loss)	
FCS29O-24-MPP		OS2	MPO-12	2	Ribbon	Optimized (0.35dB + splice loss)
FCS29O-24-MPR					Discrete	
FCS2ZO-24-MPP		Ribbon				
FCS2ZO-24-MPR						
FCS29O-48-MPR	48	OM4		4	Ribbon	
FCS2ZO-48-MPR						

6 AND 12 PORT LC DUPLEX SPLICE CASSETTES



2 AND 4 PORT MPO SPLICE CASSETTES



Dimensions are in inches. [Dimensions in brackets are metric].