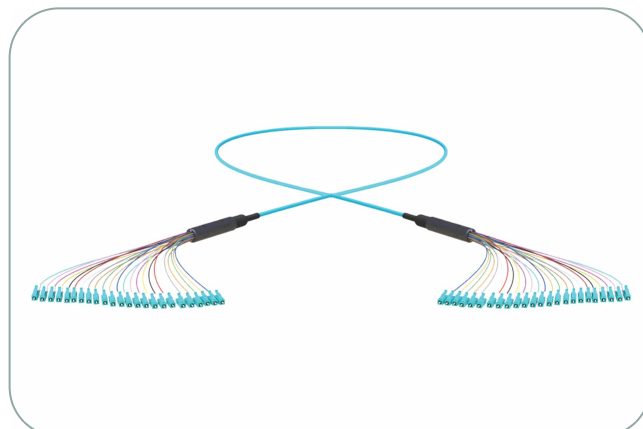


MicroCable Assemblies (900um Tails)

The MicroCable assembly features a small, compact size providing flexible though ruggedized product with the improved optical performance of MicroCable structure. 900µm tails are ideal for application inside patch panels, ODFs or wall boxes improving fiber management.



Features

- Available in OM3, OM4 and OS1/OS2, G.657A1 types
- 12 and 24 cores standard (high core counts up to 144 fibers available)
- 900µm tail staggered
- LSZH, OFNP, OFNR cable jacket
- Available with all standard connectivity
- Factory terminated and tested
- Compact small dimension flexible Micro Cable applied
- Improved optical performance of loose tube structure
- Secure AFL® breakout module
- Reduced weight and carriage costs

Applications

- Internal short optical links
- Data center infrastructure
- Storage Area Network (SAN)

Specifications

ELEMENT	CHARACTERISTICS
Fiber	OS1/2, G.657A1, OM3, OM4
Tail Dimensions	900µm Simplex Tails Staggered
Terminations	LC, SC, ST, FC, E2000
Cable Construction	Double Jacket 12-24 Core Micro Cable
Cable Diameter	24 Core Max OD 4.5 ± 0.3mm
Crush Resistance	1000N/100mm
Cable Tensile Strength	(Short) 400N
Cable Strength Member	Aramid
Storage Temperature	-20 ~ +60°C
Installation Temperature	-5 ~ +50°C
Operating Temperature	-20 ~ +60°C

ELEMENT	CHARACTERISITCS
Tail Protection	Crush Resistance tube OD Max 25mm (24 x 900µm) RPS Reusable Sock End A (Assembly length above 20 meters)
Gland	PG 13.5 End A/B (24 x 900µm)
Packaging	Length ≤100mtr: HD Bag Length >100mtr: Drum

Connector Performance

OPTICAL PERFORMANCE*	MM PREMIUM	MM STANDARD	SM PREMIUM	SM STANDARD	CONFORMANCE
IL Max/Master (Acceptance)	0.15dB	0.25dB	0.15dB	0.25dB	IEC 61300-3-4
Ave/Master	0.08dB	0.15dB	0.12dB	0.18dB	IEC 61300-3-4
Ave/Random	0.10dB	0.20dB	0.12dB	0.18dB	IEC 61300-3-34
RL(Min Acceptance)	NA	NA	55/65**	55/65**	IEC 61300-3-6

* Connector Performance table does not refer to E2A terminations ** UPC/APC

Cable Performance

Fiber Type (ISO/IEC 11801)	OS1/OS2	OM1	OM2	OM3	OM4
Attenuation Coefficient [dB/km]	≤ 0.38 Max (1310nm) ≤ 0.25 Max (1550nm) ≤ 0.34 Typ (1310nm) ≤ 0.19 typ (1550nm)	≤ 3.5 Max (850nm) ≤ 1.5 Max (1300nm) ≤ 2.9 Typ (850nm) ≤ 1.2 typ (1300nm)	≤ 3.5 Max (850nm) ≤ 1.5 Max (1300nm) ≤ 2.7 Typ (850nm) ≤ 0.9 typ (1300nm)	≤ 3.5 Max (850nm) ≤ 1.5 Max (1300nm) ≤ 2.7 Typ (850nm) ≤ 0.9 typ (1300nm)	≤ 3.5 Max (850nm) ≤ 1.5 Max (1300nm) ≤ 2.7 Typ (850nm) ≤ 0.9 typ (1300nm)
Minimum Bandwidth: Overfilled Launch [Mhz-km]	N/A	≤ 200 (850nm) ≤ 500 (1300nm)	≤ 500 (850nm) ≤ 500 (1300nm)	≤ 1500 (850nm) ≤ 500 (1300nm)	≤ 3500 (850nm) ≤ 500 (1300nm)
Minimum Bandwidth: Laser Effective Modal Bandwidth [Mhz-km]	N/A	N/A	N/A	≤ 2000 (850nm)	≤ 4700 (850nm)

Ordering Information

Code	Fiber Type	Cable Type/Fiber Count	Jacket Material	Color	Grade	End A	End B	Tails	Unit	Length
T	3 OM3	DSB 12F Double Jacket MC	L LSZH	C Aqua	E Enhanced	A LC	A LC	-0005- 900um Simplex Stagger - 900um Simplex Stagger	M Meters	1 1
	4 OM4	DSF 24F Double Jacket MC	E CPR Eca	9 Yellow	P Premium	B LCA	B LCA	-0015- 900um Simplex Stagger - Stub	F Feet	2 2
	7 G.657A1	EAJ 48F Microcable	R OFNR			D SC	D SC			3 3
		EBM 72F Microcable	P OFNP			E SCA	E SCA			5 5
		* 96F Microcable				H FC	H FC			10 10
		* 144F Microcable				J FCA	J FCA			XX Specify
						L E2	L E2			
						M E2A	M E2A			
						X	Open			

* Check with your Account Manager

Legacy ordering information

	Fiber Count	Connector End A	Connector End B	Fiber Type	Cable Construction	Cable Length	Jacket type	Discrete Termination Grade
PRE	12 12	LC LC	LC LC	7A1 G657A1	M9C Micro Cable 900µm tails	1 1 meter	LSZH	- Standard

	24	24	LCA	LC APC	LCA	LC APC	OM3	OM3			2	2 meter	OFNP	PL	/P	Low Loss Premium
	48*	48	SC	SC	SC	SC	OM4	OM4			3	3 meter	OFNR	RI		
	72*	72	SCA	SC APC	SCA	SC APC					5	5 meter	E	LSZH Euroclass ECA		
	96*	96	FC	FC	FC	FC					10	10 meter				
	144*	144	FCA	FC APC	FCA	FC APC					xx	Specify				
			ST	ST	ST	ST										
			E2	E2000	E2	E2000										
			E2A	E2000 APC	E2A	E2000 APC										
					XX	Open End										

* Check Availability- Contact Customer Service;

Example Part Number

PRE	24	LC	LC	OM3	M9C	20	
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PRE24LCOM3M9C20 - AFL Multifiber Assembly 24 Core LC-LC OM3 Micro Cable with 900µm tails LSZH Aqua 20 mtr Different Connector example PRE12LCSC09M9C1 - AFL® Multifiber Assembly 12 Core LC-SC OS1/OS2 Micro Cable 900µm tails LSZH Aqua 1mtr Plenum Jacket Example PRE24SCAOM4M9C5PL - AFL® Multifiber Assembly 24 Core SCA-SCA OM4 Micro Cable 900µm tails Plenum Aqua 5mtr Open End Example PRE12LCXXOM3M9C5 - AFL® Multifiber Assembly 12 Core LC-Open End OM3 Micro Cable 900µm Tails LSZH Aqua 5mtr