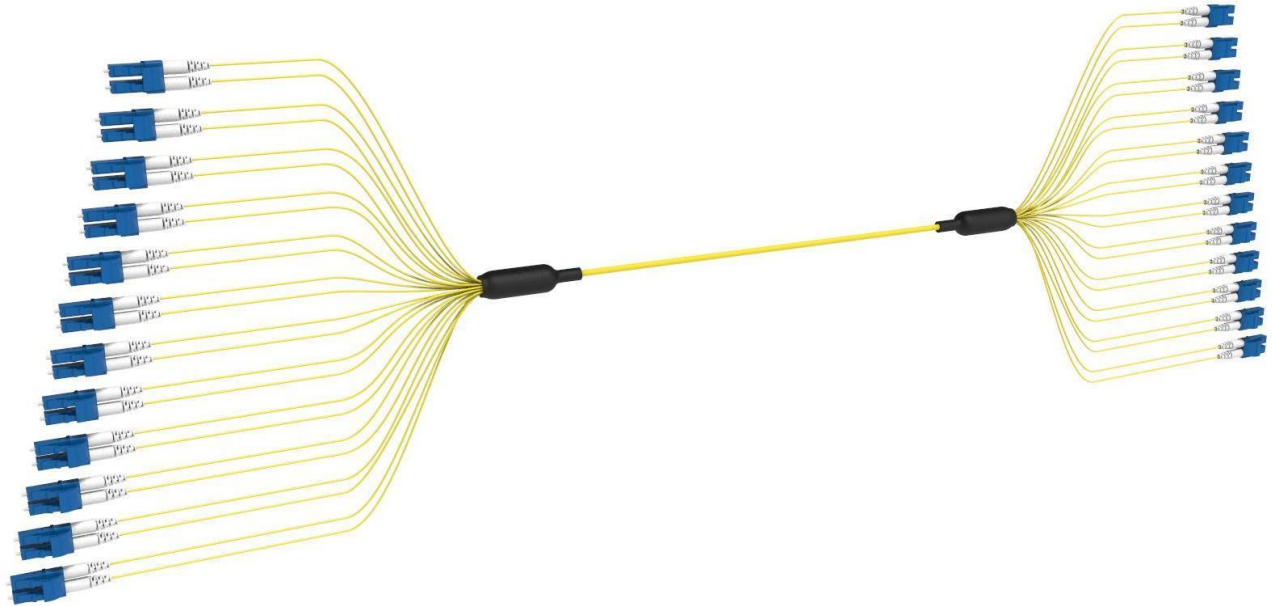


## Product overview

Giganet Indoor Preterms offers quick and cost-effective installation within an indoor environment or intra building premise. We manufacture preterms with superior fiber/cable performance, high quality connectors which offers improved link loss budgets. Microcore cables are constructed of up to 144 fibers, 2mm simplex cables coated with double jackets and aramid strength members.



## Product Features and Applications

FEATURES
Conform to IEC, EIA-TIA, and Telcordia performance requirements
Available in Singlemode and Multimode fiber options
Available in LC, SC, FC, ST and other connector types
Available with our standard pulling system
RoHS, REACH & SvHC compliant, Materials Conflict compliant
Cable jacket available in PVC, LSZH and UL rated material options

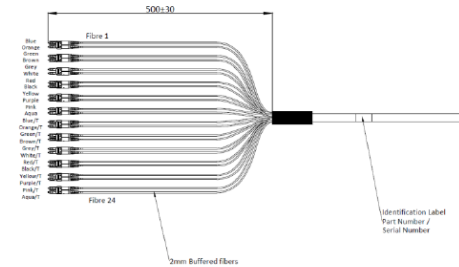
APPLICATIONS
Telecommunication networks
Data centers

### Product Specification

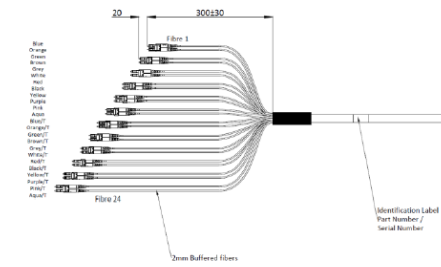
SINGLE FERRULE CONNECTOR SPECIFICATIONS			
Parameters	IL – Max	IL – Typical	RL (PC/APC)
SM – Standard	≤ 0.30 dB	≤ 0.20 dB	> 55/65 dB
SM – Premium	≤ 0.15 dB	≤ 0.12 dB	> 55/65 dB
MM – Standard	≤ 0.30 dB	≤ 0.18 dB	> 28 dB
MM – Premium	≤ 0.15 dB	≤ 0.08 dB	> 28 dB

CABLE CHARACTERISTICS							
Cable Characteristics	Units						
Fibre Count		6,8,12	24	48	72	96	144
Outer Diameter	mm	3.0 or 4.5	4.5	9.0	11.5	12.5	17.5
Tensile strength (max/min)	N	200/60	400/150	600/200	1000/300	1000/300	1000/300
Crush	N	500	1000	1000	1000	1000	1000
Cable/Tail Material		LSZH/PVC					
Strength Material		Aramid Yarn					
Operating Temperature	°C	-20 to 70					
Tail Diameter	mm	2.0					
Minimum Bending Radius	mm	10D (installed)/20D (loaded)					

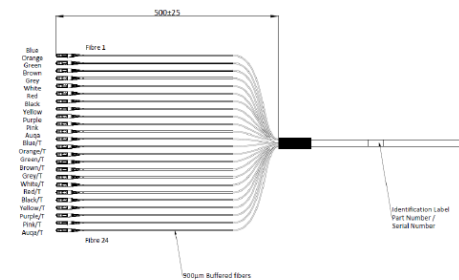
Fan out Ruggedized 2.0mm



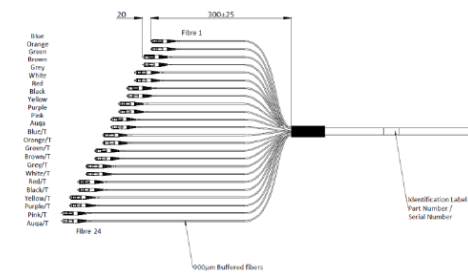
Staggered Fan Out Ruggedized 2.0mm



Fan out Buffered 0.9mm



Staggered Fan Out Buffered 0.9mm



### Ordering Information

INDOOR PRETERM MICROCABLE							
GN-IPTMX-123456789XXM							
GN-IPTMX-	1	2	Connector	3	Fibre Count	4	Fibre Mode
	SC	SC	SCSC	6	6 Fibre	2D	G652D
	SCAP	SCAP	SCAPCSCAPC	8	8 Fibre	A1	G657A1
	LC	LC	LCLC	12	12 Fibre	A2	G657A2
	LCAPC	LCAPC	LCAPCLCAPC	24	24 Fibre	O1	OM1
	LCU	LCU	LCLC-UNIBOOT	48	48 Fibre	O2	OM2
	LCA	LCA	LCAPCLCAPC-UNIBOOT	72	72 Fibre	O3	OM3
	LCHDR	LCHDR	LCLC-HD SWITCH	96	96 Fibre	O4	OM4
	LCAPCHDR	LCAPCHDR	LCAPCLCAPC-HD SWITCH	144	144 Fibre		
	FC	FC	FCFC				
	FCAPC	FCAPC	FCAPCFCAPC				
	ST	ST	STST				
	E1	E1	E2000				
	XX	XX	OPEN END				

5	Cable Construction	6	Jacket Colour	7	Jacket Material	8	Performance	9	Tail Configuration	XXM	
SX	Micro Single	Y	Yellow	L	LSZH	S	Standard	R	Stagger + Pull	xxMeters	XX to be replace with meters (e.g.: 15M for 15 meters length)
DX	Micro Double	O	Orange	C	PVC	P	Premium	E	Stagger – Pull		
		Q	Aqua	R	OFNR			F	Fanout + Pull		
		V	Erika Violet	P	OFNP			T	Fanout - Pull		
		B	Black								
	Part Number		Product Description								
e.g.	GN-IPTMX-LCLC12O4SXLVSF05M		Giganet Standard Preterm LC-LC Microcable 12FO OM4 MM Tail Diameter 2.0mm LSZH Erika Violet, Fanout + Pull, 5 Meters								

*X – Tail Diameters*

*Note: Diameter of Fanouts tail is 2.0mm as standard offering (900 µm can be provided based on special order)*