

**Product overview**

Giganet Indoor & Outdoor Preterms offers quick and cost-effective installation for interbuilding, LAN or Campus wide network. Our outdoor preterms are available in loose tube, armored loose tube and Tight Buffer cable options with special designed modules to breakout individual fibers. We manufacture preterms with superior fiber/cable performance to withstand outdoor harsh environment and high-quality connectors, which offers improved link loss budgets.



**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
Pulling system optional
RoHS, REACH & SvHC compliant, Materials Conflict compliant
900µm or 2mm ruggedized tails

APPLICATIONS
Telecommunication networks
LAN or Campus wide Network
Internal/External Application
Conduit/Direct buried with steel tape armored version available
Supports up to 100G applications
Indoor & Outdoor Jacket Material

## 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 (LOOSE TUBE)

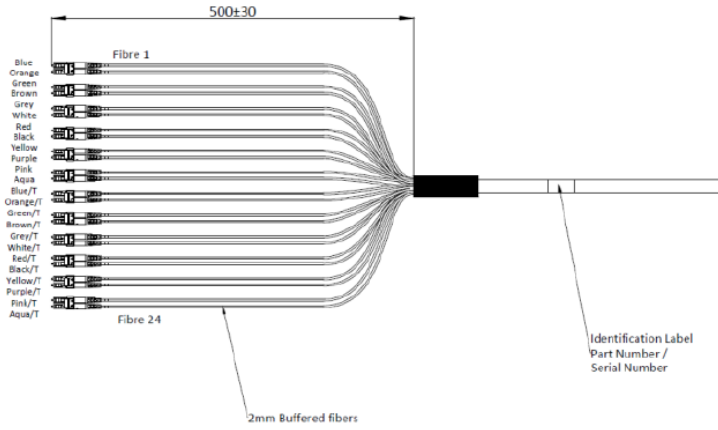
Cable Characteristics	Units						
Fibre Count		6*,8*,12	24	48	72	96	144
Outer Diameter	mm	6.8	6.8	10.5	11.1	12.6	15.6
Tensile strength (max/min)	N	1000/500	1000/500	1500/600	1500/600	1500/600	1500/600
Crush	N	1000	1000	1000	1000	1000	1000

### CABLE CHARACTERISTICS (LOOSE TUBE CORRUGATED STEEL TAPE ARMOR)

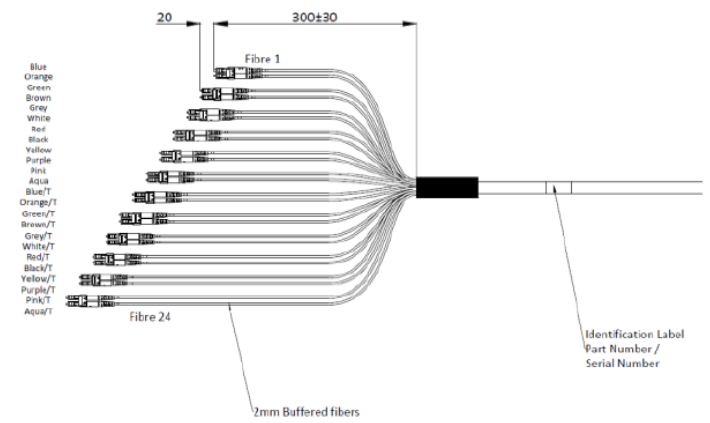
Cable Characteristics	Units						
Fibre Count		6*,8*,12	24	48	72	96	144
Outer Diameter	mm	9.0	9.0	12.0	12.5	14.1	17.1
Tensile strength (max/min)	N	1000/500	1000/500	1500/600	1500/600	1500/600	1500/600
Crush	N	1000	1000	1000	1000	1000	1000
Cable/Tail Material		LSZH/PE					
Strength Material		E-glass					
Operating Temperature	°C	-20 ~ +70					
Tail Diameter	mm	900µm or 2.0mm					
Minimum Bending Radius	mm	10D (installed)/20D (loaded)					

*\*Note: The 6 and 8 Fibre Preterms are only provided based on requirements.*

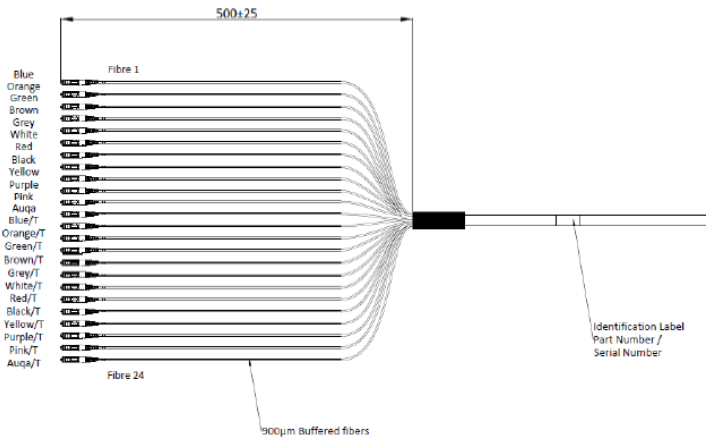
Fan out Ruggedized 2.0mm



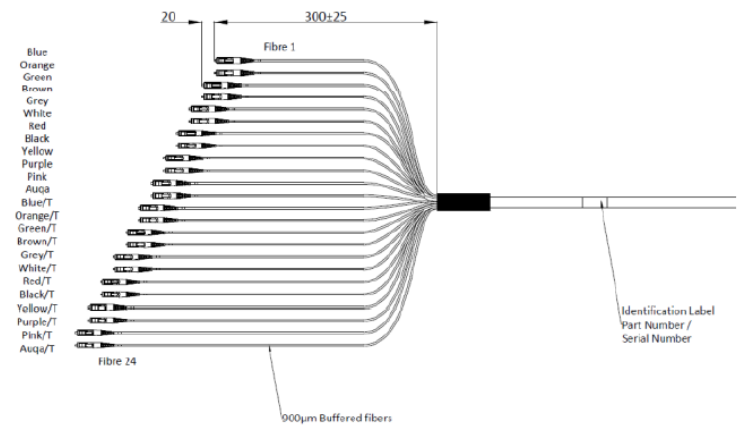
Staggered Fan Out Ruggedized 2.0mm



Fan out Buffered 0.9mm



Staggered Fan Out Buffered 0.9mm





**FIBRE PLUG N PLAY SYSTEM**  
**Giganet Indoor Outdoor Loose Tube Preterm Microcable**

**Ordering Information**

INDOOR OUTDOOR LOOSE TUBE PRETERM MICROCABLES										
GN-PTYX-123456789XXM										
GN-PT	Y	Sheath Construction	X- Tail Diameter	1	2	Connector	3	Fibre Count	4	Fibre Mode
	LT	Loose Tube		SC	SC	SCSC	6	6 Fibre*	2D	G652D
	TB	Tight Buffered		SCAP	SCAP	SCAPCSCAPC	8	8 Fibre*	A1	G657A1
	LTC	Loose Tube CST		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	XXM	XX to be replace with meters (e.g.: 15M for 15 meters length)
DX	Micro Double	O	Orange	E	PE	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-PTLTC2-LCHDR LCHDR12O4SXVLSF05M				Giganet Standard Loose Tube CST Preterm LCLC-HD SWITCH , 12FO OM4 MM, Micro Single, Tail Diameter 2.0mm LSZH Erika Violet, Fanout + Pull, 5 Meters						

*X – Tail Diameters*

*XXM - Length in meters*

*Note: Diameter of Fanouts tail is 2.0mm as standard offering.*

*\*Note: The 6 and 8 Fibre Preterms are only provided based on requirements.*