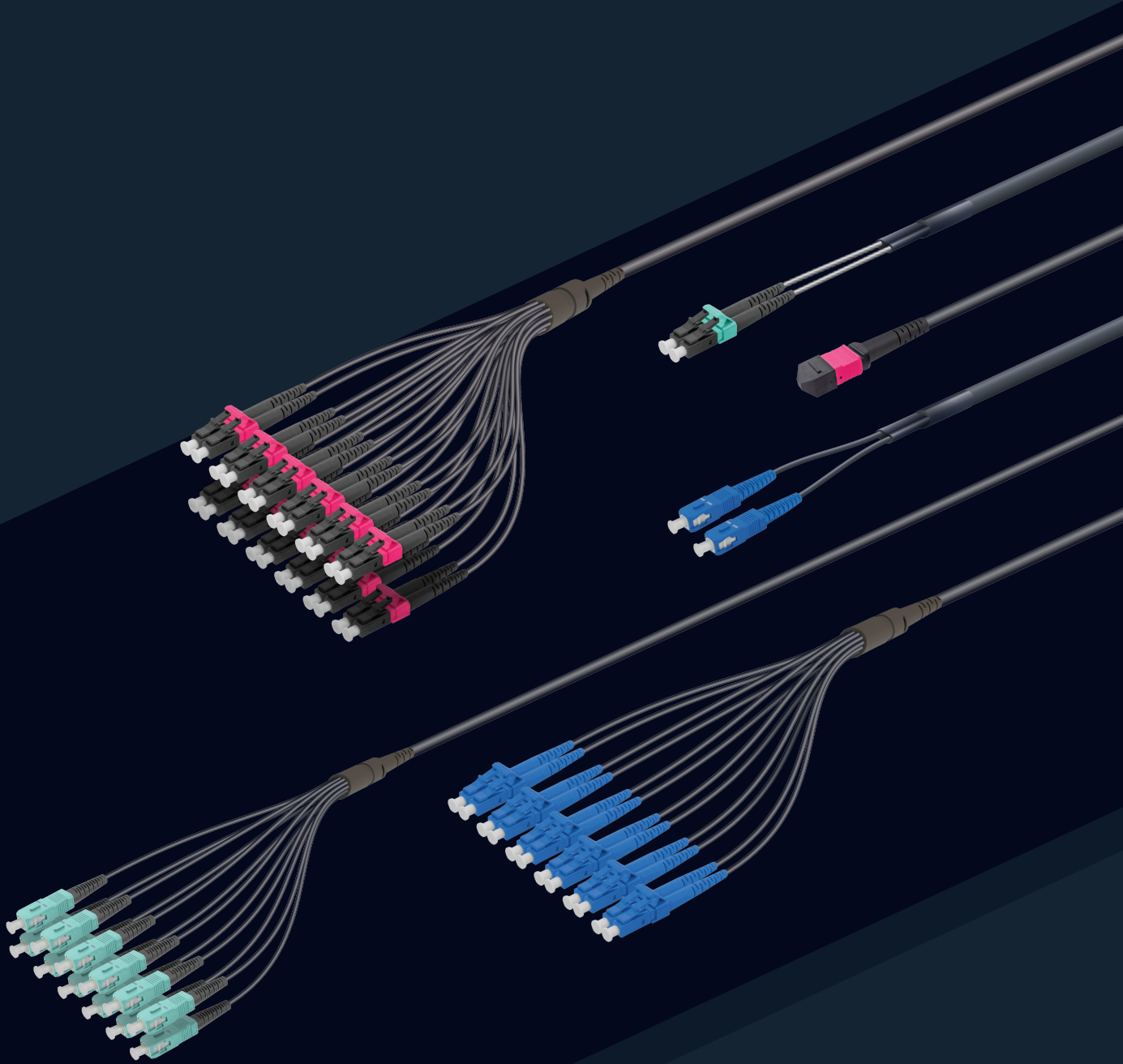




CABLING
SOLUTIONS



UNIVERSAL FIBER OPTIC ASSEMBLIES



Founded in 2003, SAMM Technology offers cutting-edge products and services in the fields of telecommunication infrastructure and data center by producing in line with the expectations and needs of its customers.

With more than 20 years of experience, SAMM Technology has become one of the important suppliers of Europe in terms of capacity, technology and innovation by continuously investing in production, technology, R&D and people.

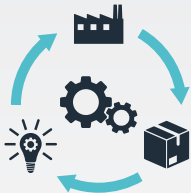
SAMM Teknoloji produces high performance fiber optic cables, fiber optic cable assemblies, data center infrastructure products and structured cabling solutions in its two factories located in the Gosb/Gebze industrial zone.

SAMM also has a ministry-approved research and development center since 2017.



20+ Years' Experience

With more than 200 employees and 2 factories, we have achieved several significant projects in telecommunication fiber optic infrastructure.



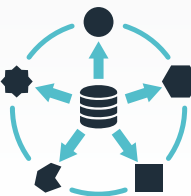
World Class Production

With systematic and scientific methods, we always focus on reaching the highest quality in our fiber optic cable production and assembly lines.



Connecting Continents

An advantageous shipping location, at the intersection of Asia, Europe and the Middle-East.



Innovative Solutions

We are passionate about responding to customer demand and keeping pace with the ever evolving telecommunication and fiber optic technologies.

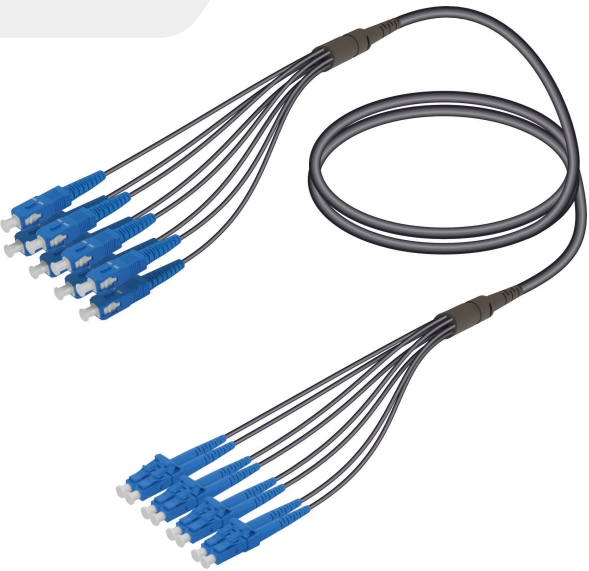


UNIVERSAL FIBER OPTIC ASSEMBLIES

8 Fibers Single-Mode Fan-out | 1.8 mm

Connector Specifications

LC Connector Compliance	IEC 61754-20, TIA 604-10-A, RoHS
SC Connector Compliance	IEC 61754-4, TIA 604-3, RoHS
One Side Connector Count	8 Connectors
Alignment Technology	Full ceramic ferrule (Zirconia ZrO ₂)
Operating Temperature	-40°C to +85°C
Flammability	UL94 V-0
Durability	< 0.1 dB typical change for > 500 matings



Optical Performance

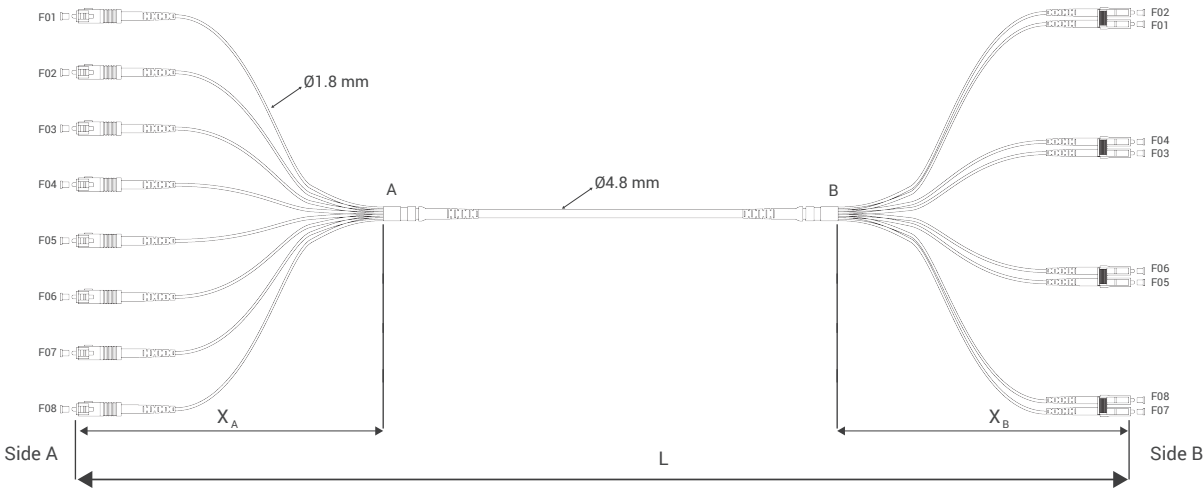
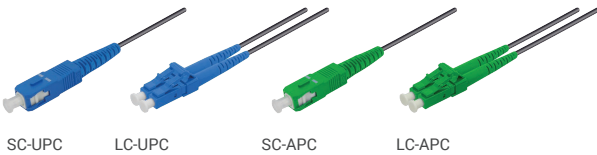
Insertion Loss	Single-Mode: ≤ 0.30 dB Max.
IEC 61300-3-4 Method B	0.15 dB Typ.
Return Loss	Single-Mode UPC: ≥ 50 dB
IEC61300-3-6 Method B	Single-Mode APC: ≥ 60 dB

Cable Specifications

- 8 core distribution fiber optic cable
- Cable Diameter: 4.8 mm / Fan-out Diameter: 1.8 mm
- Max. Tensile Strength: 800N
- Min. Bending Radius 100 mm
- Cable Color: Black

End-face Control Parameters

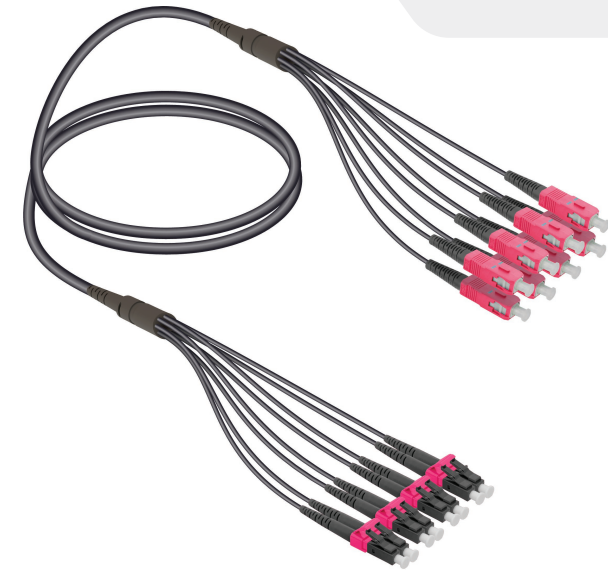
Geometry Inspection	UPC : IEC 61755-3-1 APC : IEC 61755-3-2
Visual Inspection	IEC 61300-3-35



Sample Coding * X (Tube Length) is standard 500 mm. Please contact us for different tube length

U - PC - 08 - FC - 418 - A2 - 08SCS - 04LCD - 005M

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	Side A	Side B	Length
Universal: U	Patch Cord: PC	8 Fibers: 08	Fan-out: FC	4.8/1.8 mm: 418	SM G.657 A2: A2	SC-UPC: 08SCS SC-APC: 08SAS LC-UPC: 04LCD LC-APC: 04LAD	SC-UPC: 08SCS SC-APC: 08SAS LC-UPC: 04LCD LC-APC: 04LAD	--- M



8 Fibers Multi-Mode Fan-out | 1.8 mm

Connector Specifications

LC Connector Compliance	IEC 61754-20, TIA 604-10-A, RoHS
SC Connector Compliance	IEC 61754-4, TIA 604-3, RoHS
One Side Connector Count	8 Connectors
Alignment Technology	Full ceramic ferrule (Zirconia ZrO ₂)
Operating Temperature	-40°C to +85°C
Flammability	UL94 V-0
Durability	< 0.1 dB typical change for > 500 matings

Cable Specifications

- 8 core distribution fiber optic cable
- Cable Diameter: 4.8 mm / Fan-out Diameter: 1.8 mm
- Max. Tensile Strength: 800N
- Min. Bending Radius 100 mm
- Cable Color: Black

Optical Performance

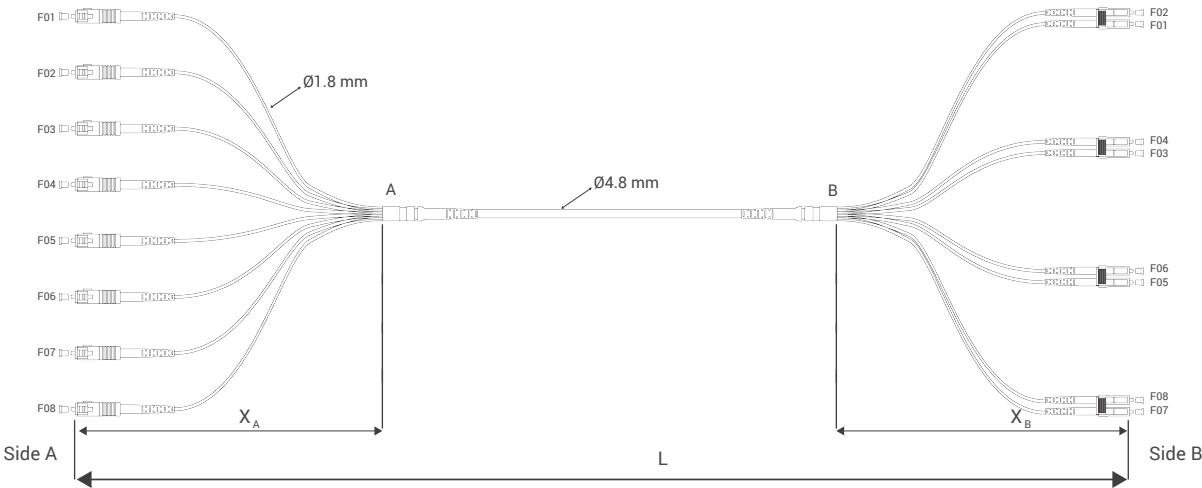
Insertion Loss	Multi-Mode: ≤ 0.30 dB Max.
IEC 61300-3-4 Method B	0.15 dB Typ.
Return Loss	Multi-Mode: ≥ 35 dB
IEC61300-3-6 Method B	

End-face Control Parameters

Geometry Inspection	IEC 61755-3-1
Visual Inspection	IEC 61300-3-35



SC OM3 LC OM3 SC OM4 LC OM4



Sample Coding * X (Tube Length) is standard 500 mm. Please contact us for different tube length

U - PC - 08 - FC - 418 - M4 - 08SCS - 04LCD - 005M

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	Side A	Side B	Length
Universal: U	Patch Cord: PC	8 Fibers: 08	Fan-out: FC	4.8/1.8 mm: 418	MM G.651 OM3: M3 MM G.651 OM4: M4	SC-UPC: 08SCS LC-UPC: 04LCD	SC-UPC: 08SCS LC-UPC: 04LCD	--- M

12 Fibers Single-Mode Fan-out | 1.8 mm

Connector Specifications

LC Connector Compliance	IEC 61754-20, TIA 604-10-A, RoHS
SC Connector Compliance	IEC 61754-4, TIA 604-3, RoHS
One Side Connector Count	12 Connectors
Alignment Technology	Full ceramic ferrule (Zirconia ZrO ₂)
Operating Temperature	-40°C to +85°C
Flammability	UL94 V-0
Durability	< 0.1 dB typical change for > 500 matings



Optical Performance

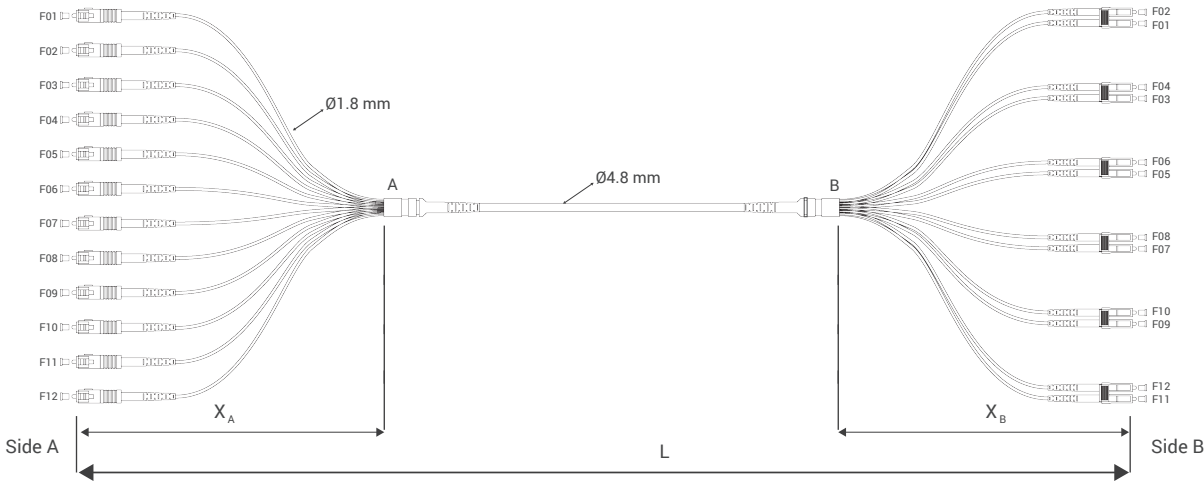
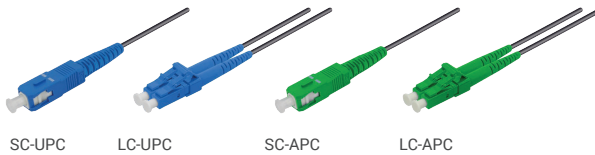
Insertion Loss	Single-Mode: ≤ 0.30 dB Max.
IEC 61300-3-4 Method B	0.15 dB Typ.
Return Loss	Single-Mode UPC: ≥ 50 dB
IEC61300-3-6 Method B	Single-Mode APC: ≥ 60 dB

Cable Specifications

- 12 core distribution fiber optic cable
- Cable Diameter: 4.8 mm / Fan-out Diameter: 1.8 mm
- Max. Tensile Strength: 800N
- Min. Bending Radius 100 mm
- Cable Color: Black

End-face Control Parameters

Geometry Inspection	UPC : IEC 61755-3-1 APC : IEC 61755-3-2
Visual Inspection	IEC 61300-3-35



Sample Coding * X (Tube Length) is standard 500 mm. Please contact us for different tube length

U - PC - 12 - FC - 418 - A2 - 12SCS - 06LCD - 005M

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	Side A	Side B	Length
Universal: U	Patch Cord: PC	12 Fibers: 12	Fan-out: FC	4.8/1.8 mm: 418	SM G.657 A2: A2	SC-UPC: 12SCS SC-APC: 12SAS LC-UPC: 06LCD LC-APC: 06LAD	SC-UPC: 12SCS SC-APC: 12SAS LC-UPC: 06LCD LC-APC: 06LAD	--- M



12 Fibers Multi-Mode Fan-out | 1.8 mm

Connector Specifications

LC Connector Compliance	IEC 61754-20, TIA 604-10-A, RoHS
SC Connector Compliance	IEC 61754-4, TIA 604-3, RoHS
One Side Connector Count	12 Connectors
Alignment Technology	Full ceramic ferrule (Zirconia ZrO ₂)
Operating Temperature	-40°C to +85°C
Flammability	UL94 V-0
Durability	< 0.1 dB typical change for > 500 matings

Cable Specifications

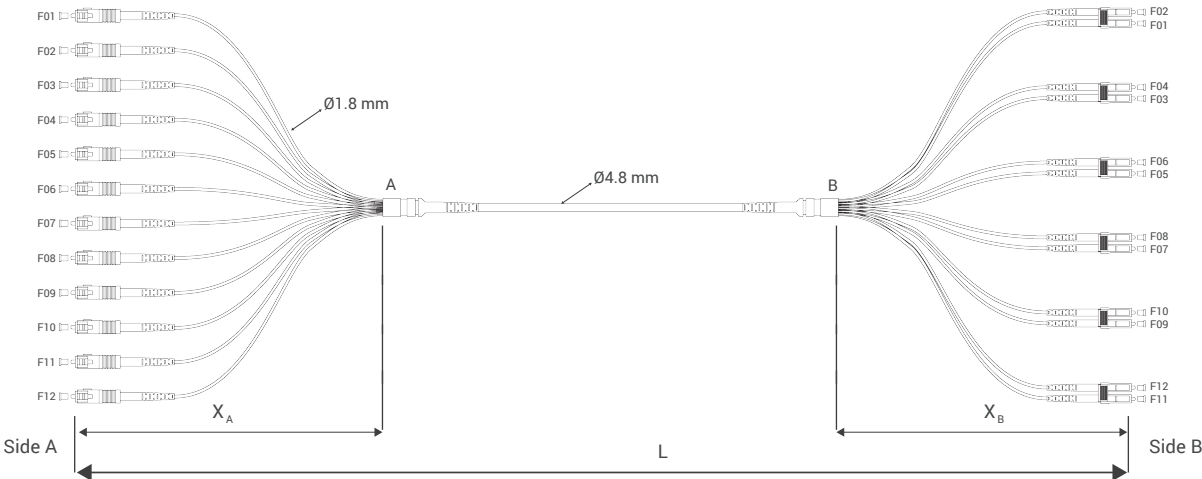
- 12 core distribution fiber optic cable
- Cable Diameter: 4.8 mm / Fan-out Diameter: 1.8 mm
- Max. Tensile Strength: 800N
- Min. Bending Radius 100 mm
- Cable Color: Black

Optical Performance

Insertion Loss IEC 61300-3-4 Method B	Multi-Mode: ≤ 0.30 dB Max. 0.15 dB Typ.
Return Loss IEC61300-3-6 Method B	Multi-Mode: ≥ 35 dB

End-face Control Parameters

Geometry Inspection	IEC 61755-3-1
Visual Inspection	IEC 61300-3-35



Sample Coding * X (Tube Length) is standard 500 mm. Please contact us for different tube length

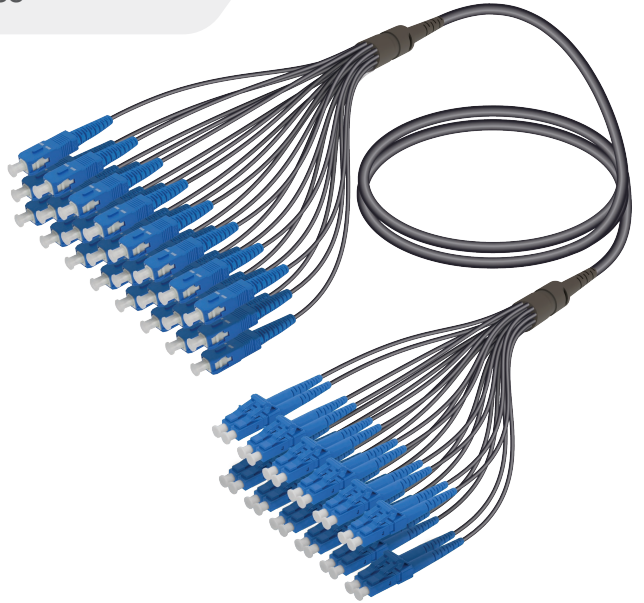
U - PC - 12 - FC - 418 - M4 - 12SCS - 06LCD - 005M

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	Side A	Side B	Length
Universal: U	Patch Cord: PC	12 Fibers: 12	Fan-out: FC	4.8/ 1.8 mm: 418	MM G.651 OM3: M3 MM G.651 OM4: M4	SC-UPC: 12SCS LC-UPC: 06LCD	SC-UPC: 12SCS LC-UPC: 06LCD	--- M

24 Fibers Single-Mode Fan-out | 1.8 mm

Connector Specifications

LC Connector Compliance	IEC 61754-20, TIA 604-10-A, RoHS
SC Connector Compliance	IEC 61754-4, TIA 604-3, RoHS
One Side Connector Count	24 Connectors
Alignment Technology	Full ceramic ferrule (Zirconia ZrO ₂)
Operating Temperature	-40°C to +85°C
Flammability	UL94 V-0
Durability	< 0.1 dB typical change for > 500 matings



Optical Performance

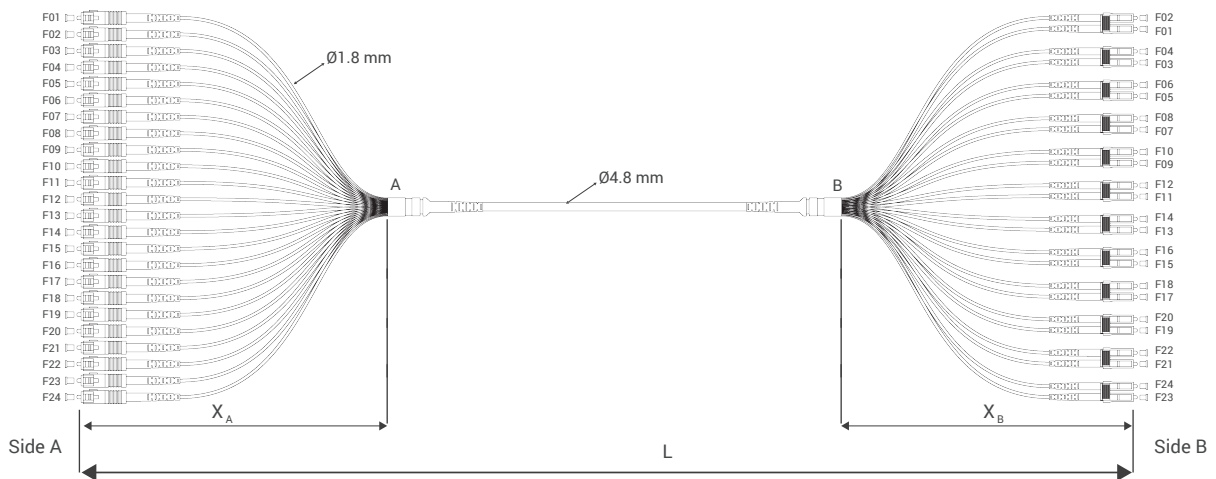
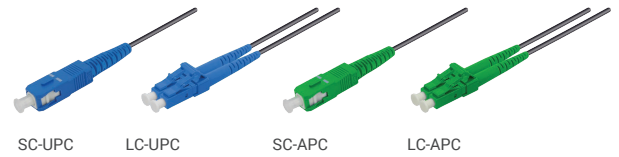
Insertion Loss	Single-Mode: ≤ 0.30 dB Max.
IEC 61300-3-4 Method B	0.15 dB Typ.
Return Loss	Single-Mode UPC: ≥ 50 dB
IEC61300-3-6 Method B	Single-Mode APC: ≥ 60 dB

Cable Specifications

- 24 core distribution fiber optic cable
- Cable Diameter: 4.8 mm / Fan-out Diameter: 1.8 mm
- Max. Tensile Strength: 800N
- Min. Bending Radius 100 mm
- Cable Color: Black

End-face Control Parameters

Geometry Inspection	UPC : IEC 61755-3-1 APC : IEC 61755-3-2
Visual Inspection	IEC 61300-3-35



Sample Coding * X (Tube Length) is standard 500 mm. Please contact us for different tube length

U - PC - 24 - FC - 418 - A2 - 24SCS - 12LCD - 005M

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	Side A	Side B	Length
Universal: U	Patch Cord: PC	24 Fibers: 24	Fan-out: FC	4.8/1.8 mm: 418	SM G.657 A2: A2	SC-UPC: 24SCS SC-APC: 24SAS LC-UPC: 12LCD LC-APC: 12LAD	SC-UPC: 24SCS SC-APC: 24SAS LC-UPC: 12LCD LC-APC: 12LAD	--- M



24 Fibers Multi-Mode Fan-out | 1.8 mm

Connector Specifications

LC Connector Compliance	IEC 61754-20, TIA 604-10-A, RoHS
SC Connector Compliance	IEC 61754-4, TIA 604-3, RoHS
One Side Connector Count	24 Connectors
Alignment Technology	Full ceramic ferrule (Zirconia ZrO ₂)
Operating Temperature	-40°C to +85°C
Flammability	UL94 V-0
Durability	< 0.1 dB typical change for > 500 matings

Cable Specifications

- 24 core distribution fiber optic cable
- Cable Diameter: 4.8 mm / Fan-out Diameter: 1.8 mm
- Max. Tensile Strength: 800N
- Min. Bending Radius 100 mm
- Cable Color: Black

Optical Performance

Insertion Loss IEC 61300-3-4 Method B	Multi-Mode: ≤ 0.30 dB Max. 0.15 dB Typ.
Return Loss IEC61300-3-6 Method B	Multi-Mode: ≥ 35 dB

End-face Control Parameters

Geometry Inspection	IEC 61755-3-1
Visual Inspection	IEC 61300-3-35

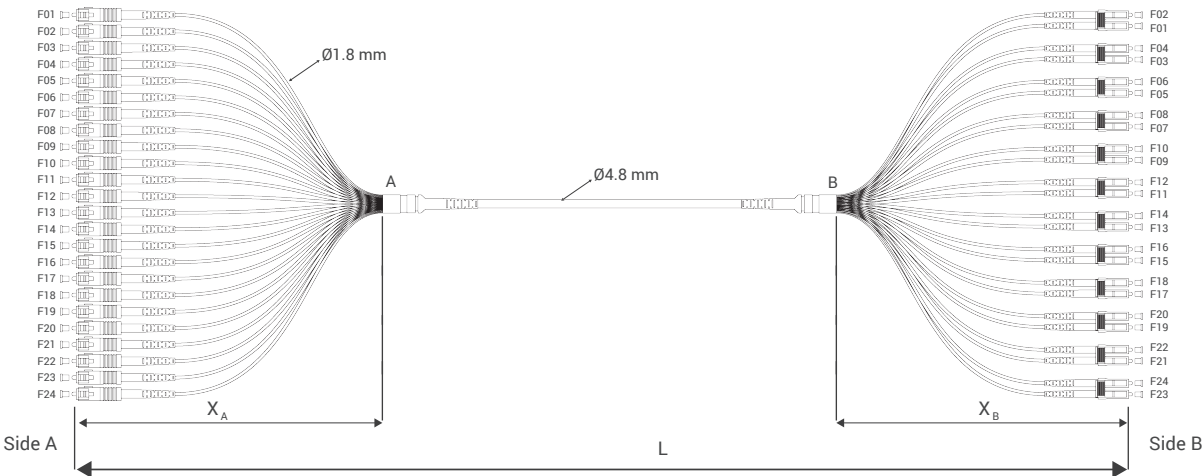


SC OM3

LC OM3

SC OM4

LC OM4



Sample Coding * X (Tube Length) is standard 500 mm. Please contact us for different tube length

U - PC - 24 - FC - 418 - M4 - 24SCS - 12LCD - 005M

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	Side A	Side B	Length
Universal: U	Patch Cord: PC	24 Fibers: 24	Fan-out: FC	4.8/1.8 mm: 418	MM G.651 OM3: M3 MM G.651 OM4: M4	SC-UPC: 24SCS LC-UPC: 12LCD	SC-UPC: 24SCS LC-UPC: 12LCD	--- M

MTP Single-Mode Patch Cord | 4.8 mm

Connector Specifications

MTP Connector Compliance	IEC 61754-7, TIA 604-5, RoHS
Base-8 / Base-12 / Base-24	8 Fibers / 12 Fibers / 24 Fibers
Operating Temperature	-10°C to +70°C
Flammability	UL94 V-0
Durability	> 100 mating cycles
Transmission Tensile Load	50 Newtons



Optical Performance

Insertion Loss IEC 61300-3-4 Method B	Single-Mode: ≤ 0.35 dB Max. 0.15 dB Typ.
Return Loss IEC61300-3-6 Method B	Single-Mode: ≥ 60 dB

End-face Control Parameters

Geometry Inspection	IEC 61755-3-31
Visual Inspection	IEC 61300-3-35

Cable Specifications

- 8-12-24 core distribution fiber optic cable
- Low smoke zero halogen
- Cable Diameter: 4.8 mm
- Max. Tensile Strength: 800N
- Min. Bending Radius 100 mm
- Cable Color: Black



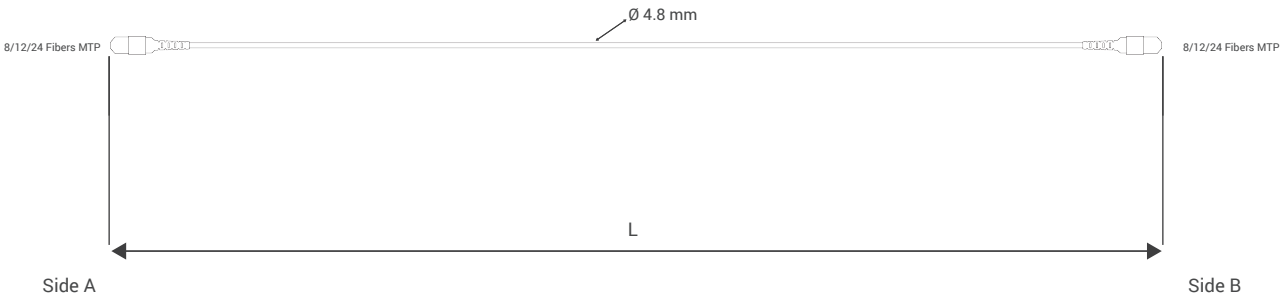
MTP-A2
Base-8



MTP-A2
Base-12



MTP-A2
Base-24



Sample Coding

U - PC - 08 - MT - 048 - A2 - B - MTPEf - MTPEf - 005M

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	Polarization	Side A	Side B	Length
Universal: U	Patch Cord: PC	8 Fibers: 08 12 Fibers: 12 24 Fibers: 24	MTP/MTP: MT	4.8 mm: 048	SM G.657 A2: A2	A Polarization: A B Polarization: B C Polarization: C	MTPEf (Female) MTPEm (Male)	MTPEf (Female) MTPEm (Male)	--- M



MTP Multi-Mode Patch Cord | 4.8 mm

Connector Specifications

MTP Connector Compliance	IEC 61754-7, TIA 604-5, RoHS
Base-8 / Base-12 / Base-24	8 Fibers / 12 Fibers / 24 Fibers
Operating Temperature	-10°C to +70°C
Flammability	UL94 V-0
Durability	> 100 mating cycles
Transmission Tensile Load	50 Newtons

Cable Specifications

- 8-12-24 core distribution fiber optic cable
- Low smoke zero halogen
- Cable Diameter: 4.8 mm
- Max. Tensile Strength: 800N
- Min. Bending Radius 100 mm
- Cable Color: Black

Optical Performance

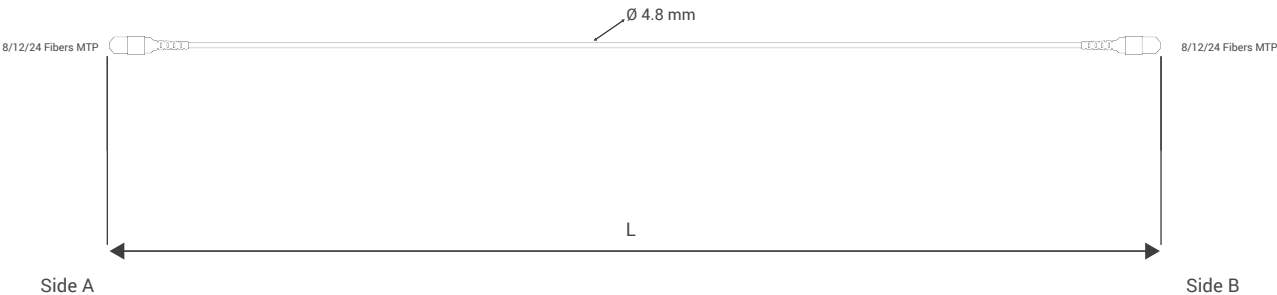
Insertion Loss IEC 61300-3-4 Method B	Multi-Mode: ≤ 0.35 dB Max. 0.15 dB Typ.
Return Loss IEC61300-3-6 Method B	Multi-Mode: ≥ 20 dB

End-face Control Parameters

Geometry Inspection	IEC 61755-3-1
Visual Inspection	IEC 61300-3-35



MTP-OM3 Base-8 MTP-OM4 Base-8 MTP-OM3 Base-12 MTP-OM4 Base-12 MTP-OM3 Base-24 MTP-OM4 Base-24



Sample Coding

U - PC - 08 - MT - 048 - M4 - B - MTPEf - MTPEf - 005M

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	Polarization	Side A	Side B	Length
Universal: U	Patch Cord: PC	8 Fibers: 08 12 Fibers: 12 24 Fibers: 24	MTP/MTP: MT	4.8 mm: 048	MM G.651 OM3: M3 MM G.651 OM4: M4	A Polarization: A B Polarization: B C Polarization: C	MTPEf (Female) MTPEm (Male)	MTPEf (Female) MTPEm (Male)	--- M

8 Fibers Single-Mode Fan-out | 4.8 mm

Connector Specifications

MTP Connector Compliance	IEC 61754-7, TIA 604-5, RoHS
LC Connector Compliance	IEC 61754-20, TIA 604-10-A, RoHS
Base-8	8 Fibers
Alignment Technology	Full ceramic ferrule (Zirconia ZrO ₂)
Operating Temperature	-10°C to +70°C
Flammability	UL94 V-0
Durability	> 100/1000 mating cycle



Optical Performance

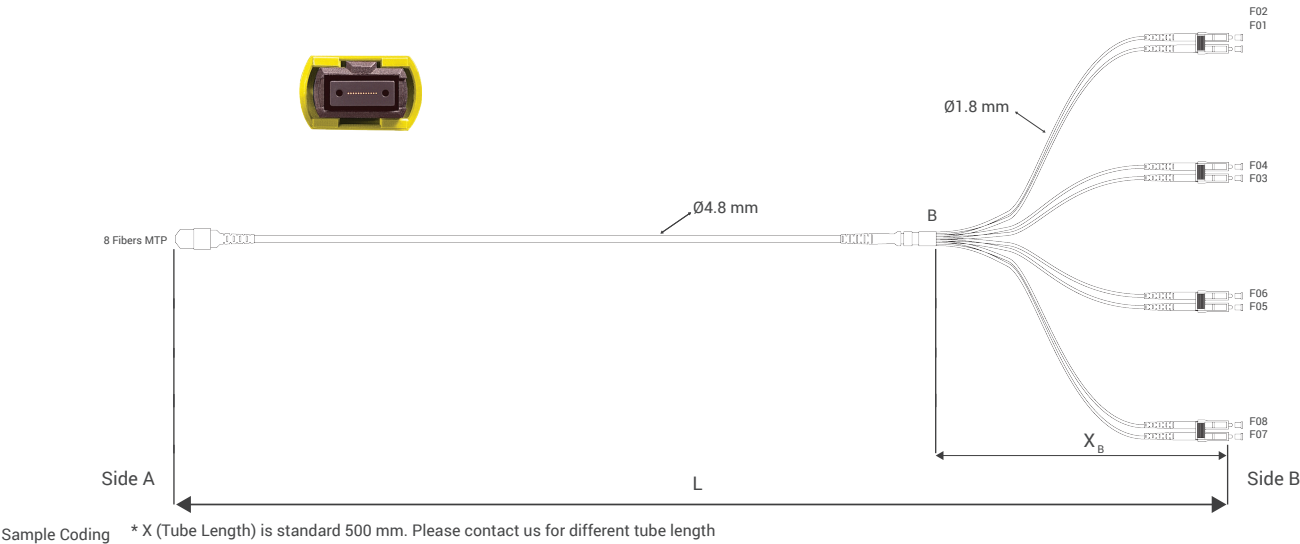
Insertion Loss	MTP : ≤ 0.35 dB Max.; 0,15 dB Typ.
IEC 61300-3-4 Method B	LC : ≤ 0.30 dB Max.; 0,15 dB Typ.
Return Loss	MTP : ≥ 60 dB
IEC61300-3-6 Method B	LC : UPC ≥ 50 dB ; APC ≥ 60 dB

End-face Control Parameters

Geometry Inspection	MFC: IEC 61755-3-31
	SFC (UPC/APC): IEC 61755-3-1/2
Visual Inspection	IEC 61300-3-35

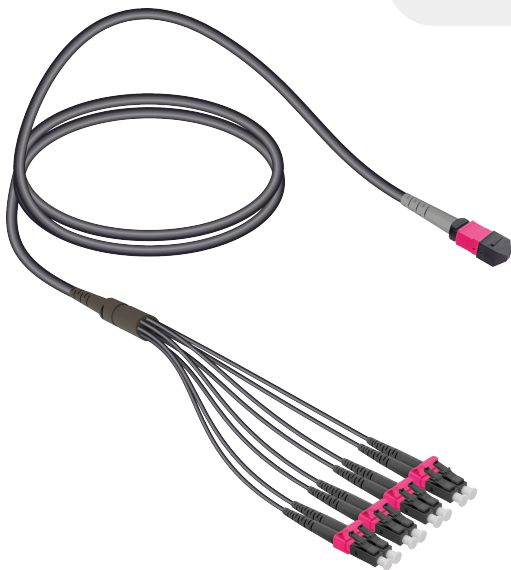
Cable Specifications

- 8 core distribution fiber optic cable
- Low smoke zero halogen
- Cable Diameter: 4.8 mm / Fan-out Diameter: 1.8 mm
- Max. Tensile Strength: 800N
- Min. Bending Radius 100 mm
- Cable Color: Black



U - PC - 08 - MF - 418 - A2 - B - MTPEf - 04LCD - 005M

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	Polarization	Side A	Side B	Length
Universal: U	Patch Cord: PC	8 Fibers: 08	MTP/Fan-out: MF	4.8/1.8 mm: 418	SM G.657 A2: A2	A Polarization: A B Polarization: B	MTPEf (Female) MTPEm (Male)	LC-UPC: 04LCD LC-APC: 04LAD	--- M



8 Fibers Multi-Mode Fan-out | 4.8 mm

Connector Specifications

MTP Connector Compliance	IEC 61754-7, TIA 604-5, RoHS
LC Connector Compliance	IEC 61754-20, TIA 604-10-A, RoHS
Base-8	8 Fibers
Alignment Technology	Full ceramic ferrule (Zirconia ZrO ₂)
Operating Temperature	-10°C to +70°C
Flammability	UL94 V-0
Durability	> 100/1000 mating cycle

Cable Specifications

- 8 core distribution fiber optic cable
- Low smoke zero halogen
- Cable Diameter: 4.8 mm / Fan-out Diameter: 1.8 mm
- Max. Tensile Strength: 800N
- Min. Bending Radius 100 mm
- Cable Color: Black

Optical Performance

Insertion Loss	MTP : ≤ 0.35 dB Max.; 0,15 dB Typ.
IEC 61300-3-4 Method B	LC : ≤ 0.30 dB Max.; 0,15 dB Typ.
Return Loss	MTP : ≥ 20 dB
IEC61300-3-6 Method B	LC : ≥ 35 dB

End-face Control Parameters

Geometry Inspection	MFC: IEC 61755-3-31
	SFC: IEC 61755-3-1
Visual Inspection	IEC 61300-3-35

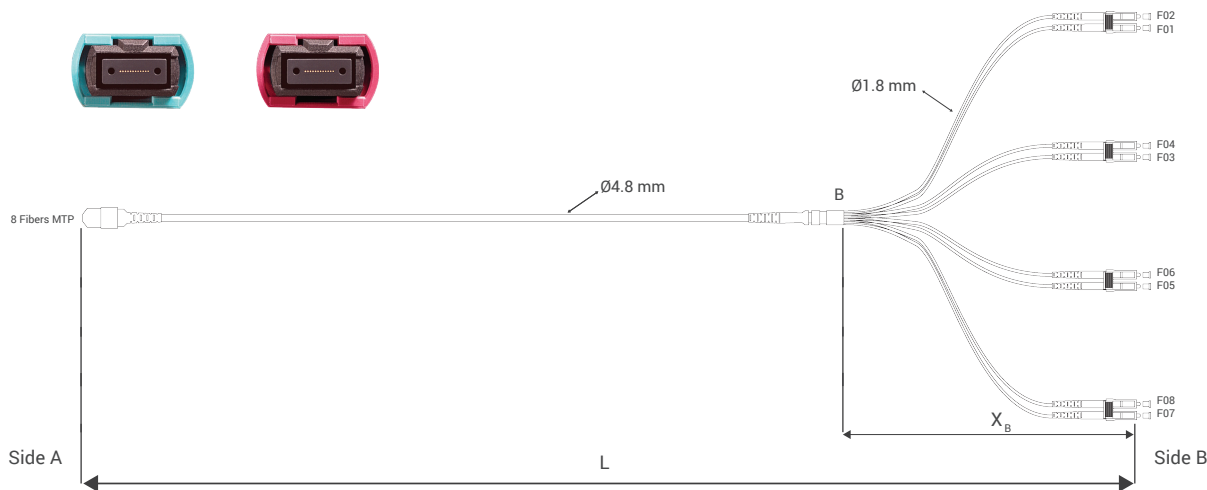
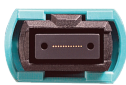


MTP-OM3

LC-OM3

MTP-OM4

LC-OM4



Sample Coding * X (Tube Length) is standard 500 mm. Please contact us for different tube length

U - PC - 08 - MF - 418 - M4 - B - MTPEf - 04LCD - 005M

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	Polarization	Side A	Side B	Length
Universal: U	Patch Cord: PC	8 Fibers: 08	MTP/Fan-out: MF	4.8/1.8 mm: 418	MM G.651 OM3: M3 MM G.651 OM4: M4	A Polarization: A B Polarization: B	MTPEf (Female) MTPEm (Male)	LC-UPC: 04LCD	--- M

12 Fibers Single-Mode Fan-out | 4.8 mm

Connector Specifications

MTP Connector Compliance	IEC 61754-7, TIA 604-5, RoHS
LC Connector Compliance	IEC 61754-20, TIA 604-10-A, RoHS
Base-8	12 Fibers
Alignment Technology	Full ceramic ferrule (Zirconia ZrO ₂)
Operating Temperature	-10°C to +70°C
Flammability	UL94 V-0
Durability	> 100/1000 mating cycle



Optical Performance

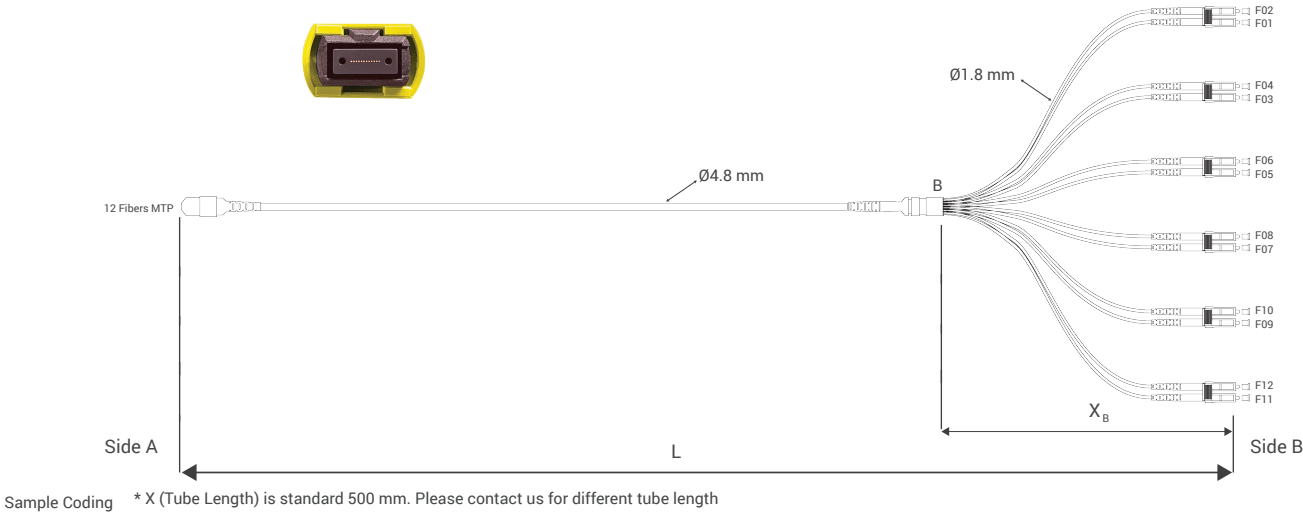
Insertion Loss	MTP : ≤ 0.35 dB Max.; 0,15 dB Typ.
IEC 61300-3-4 Method B	LC : ≤ 0.30 dB Max.; 0,15 dB Typ.
Return Loss	MTP : ≥ 60 dB
IEC61300-3-6 Method B	LC : UPC ≥ 50 dB ; APC ≥ 60 dB

End-face Control Parameters

Geometry Inspection	MFC: IEC 61755-3-31
	SFC (UPC/APC): IEC 61755-3-1/2
Visual Inspection	IEC 61300-3-35

Cable Specifications

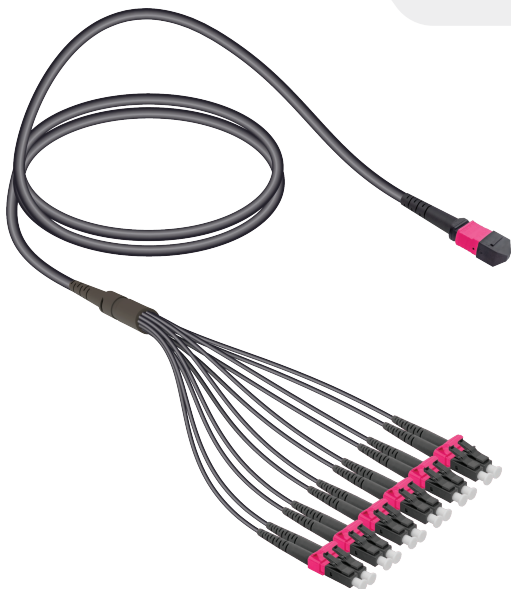
- 12 core distribution fiber optic cable
- Low smoke zero halogen
- Cable Diameter: 4.8 mm / Fan-out Diameter: 1.8 mm
- Max. Tensile Strength: 800N
- Min. Bending Radius 100 mm
- Cable Color: Black



Sample Coding * X (Tube Length) is standard 500 mm. Please contact us for different tube length

U - PC - 12 - MF - 418 - A2 - B - MTPEf - 06LCD - 005M

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	Polarization	Side A	Side B	Length
Universal: U	Patch Cord: PC	12 Fibers: 12	MTP/Fan-out: MF	4.8/1.8 mm: 418	SM G.657 A2: A2	A Polarization: A B Polarization: B	MTPEf (Female) MTPEm (Male)	LC-UPC: 06LCD LC-APC: 06LAD	--- M



12 Fibers Multi-Mode Fan-out | 4.8 mm

Connector Specifications

MTP Connector Compliance	IEC 61754-7, TIA 604-5, RoHS
LC Connector Compliance	IEC 61754-20, TIA 604-10-A, RoHS
Base-8	12 Fibers
Alignment Technology	Full ceramic ferrule (Zirconia ZrO ₂)
Operating Temperature	-10°C to +70°C
Flammability	UL94 V-0
Durability	> 100/1000 mating cycle

Cable Specifications

- 12 core distribution fiber optic cable
- Low smoke zero halogen
- Cable Diameter: 4.8 mm / Fan-out Diameter: 1.8 mm
- Max. Tensile Strength: 800N
- Min. Bending Radius 100 mm
- Cable Color: Black

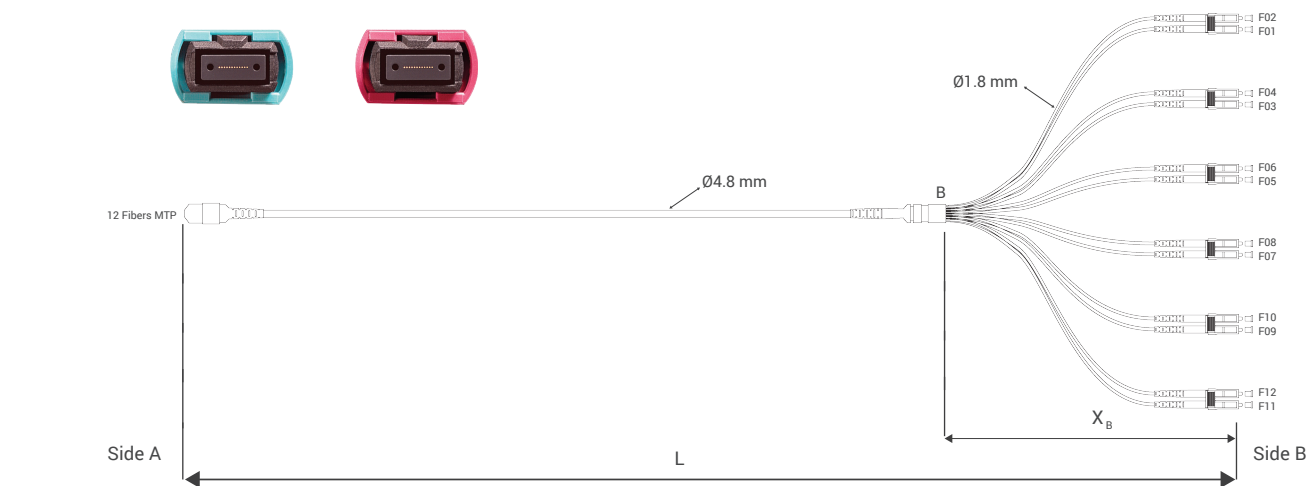


Optical Performance

Insertion Loss	MTP : ≤ 0.35 dB Max.; 0,15 dB Typ.
IEC 61300-3-4 Method B	LC : ≤ 0.30 dB Max.; 0,15 dB Typ.
Return Loss	MTP : ≥ 20 dB
IEC61300-3-6 Method B	LC : ≥ 35 dB

End-face Control Parameters

Geometry Inspection	MFC: IEC 61755-3-31
	SFC: IEC 61755-3-1
Visual Inspection	IEC 61300-3-35



Sample Coding * X (Tube Length) is standard 500 mm. Please contact us for different tube length

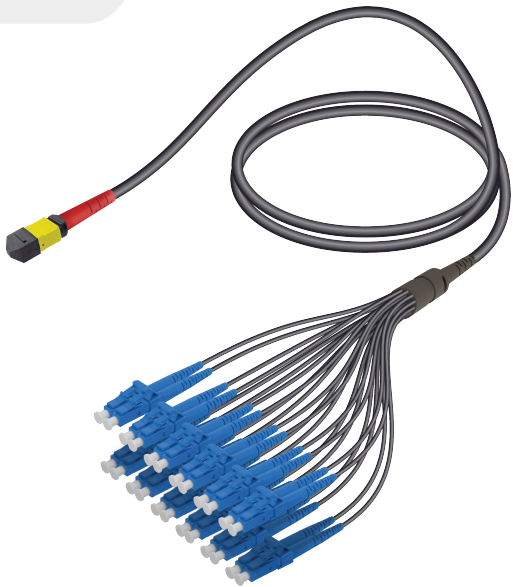
U - PC - 12 - MF - 418 - M4 - B - MTPEf - 06LCD - 005M

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	Polarization	Side A	Side B	Length
Universal: U	Patch Cord: PC	12 Fibers: 12	MTP/Fan-out: MF	4.8/1.8 mm: 418	MM G.651 OM3: M3 MM G.651 OM4: M4	A Polarization: A B Polarization: B	MTPEf (Female) MTPEm (Male)	LC-UPC: 06LCD	--- M

24 Fibers Single-Mode Fan-out | 4.8 mm

Connector Specifications

MTP Connector Compliance	IEC 61754-7, TIA 604-5, RoHS
LC Connector Compliance	IEC 61754-20, TIA 604-10-A, RoHS
Base-8	24 Fibers
Alignment Technology	Full ceramic ferrule (Zirconia ZrO ₂)
Operating Temperature	-10°C to +70°C
Flammability	UL94 V-0
Durability	> 100/1000 mating cycle



Optical Performance

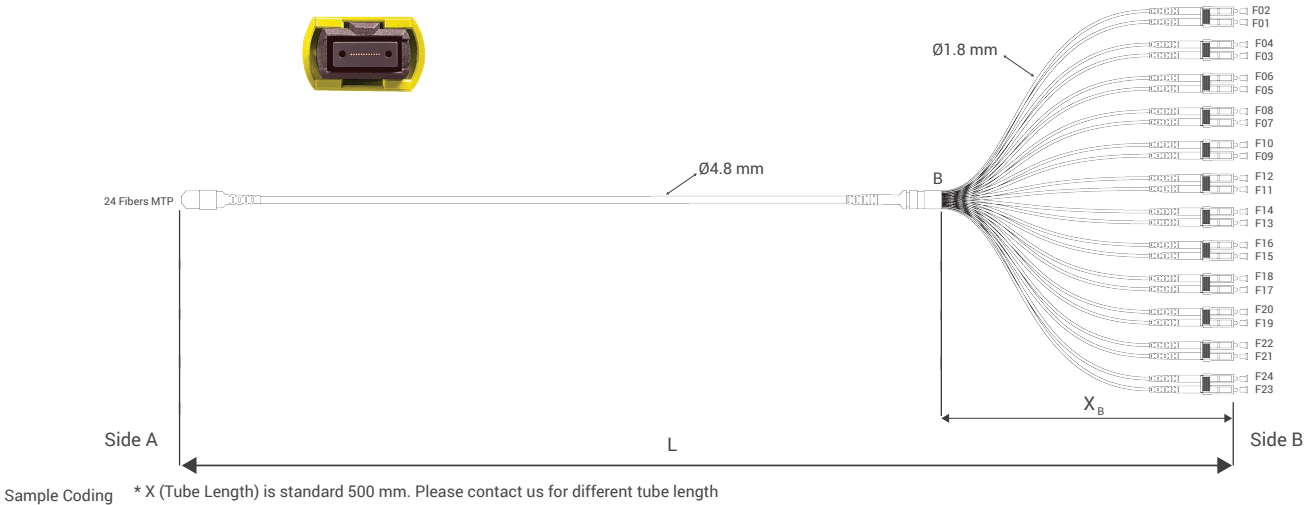
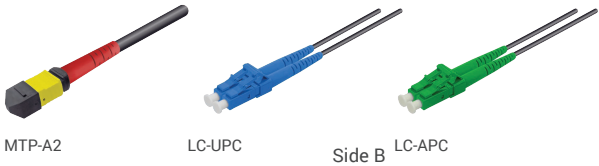
Insertion Loss	MTP : ≤ 0.35 dB Max.; 0,15 dB Typ.
IEC 61300-3-4 Method B	LC : ≤ 0.30 dB Max.; 0,15 dB Typ.
Return Loss	MTP : ≥ 60 dB
IEC61300-3-6 Method B	LC : UPC ≥ 50 dB ; APC ≥ 60 dB

End-face Control Parameters

Geometry Inspection	MFC: IEC 61755-3-31
	SFC (UPC/APC): IEC 61755-3-1/2
Visual Inspection	IEC 61300-3-35

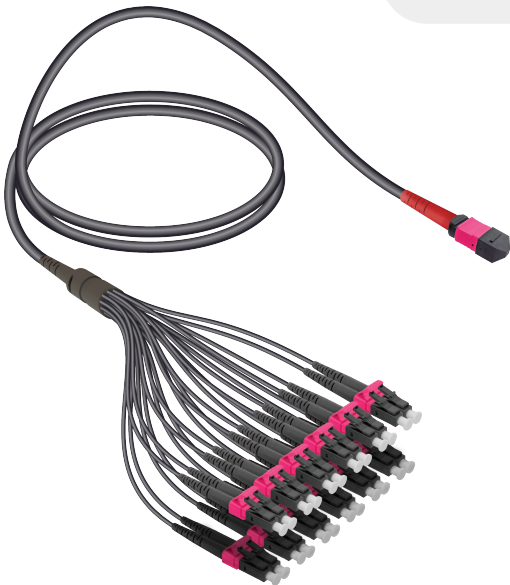
Cable Specifications

- 24 core distribution fiber optic cable
- Low smoke zero halogen
- Cable Diameter: 4.8 mm / Fan-out Diameter: 1.8 mm
- Max. Tensile Strength: 800N
- Min. Bending Radius 100 mm
- Cable Color: Black



U - PC - 24 - MF - 418 - A2 - B - MTPEf - 12LCD - 005M

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	Polarization	Side A	Side B	Length
Universal: U	Patch Cord: PC	24 Fibers: 24	MTP/Fan-out: MF	4.8/1.8 mm: 418	SM G.657 A2: A2	A Polarization: A B Polarization: B	MTPEf (Female) MTPEm (Male)	LC-UPC: 12LCD LC-APC: 12LAD	--- M



24 Fibers Multi-Mode Fan-out | 4.8 mm

Connector Specifications

MTP Connector Compliance	IEC 61754-7, TIA 604-5, RoHS
LC Connector Compliance	IEC 61754-20, TIA 604-10-A, RoHS
Base-8	24 Fibers
Alignment Technology	Full ceramic ferrule (Zirconia ZrO ₂)
Operating Temperature	-10°C to +70°C
Flammability	UL94 V-0
Durability	> 100/1000 mating cycle

Cable Specifications

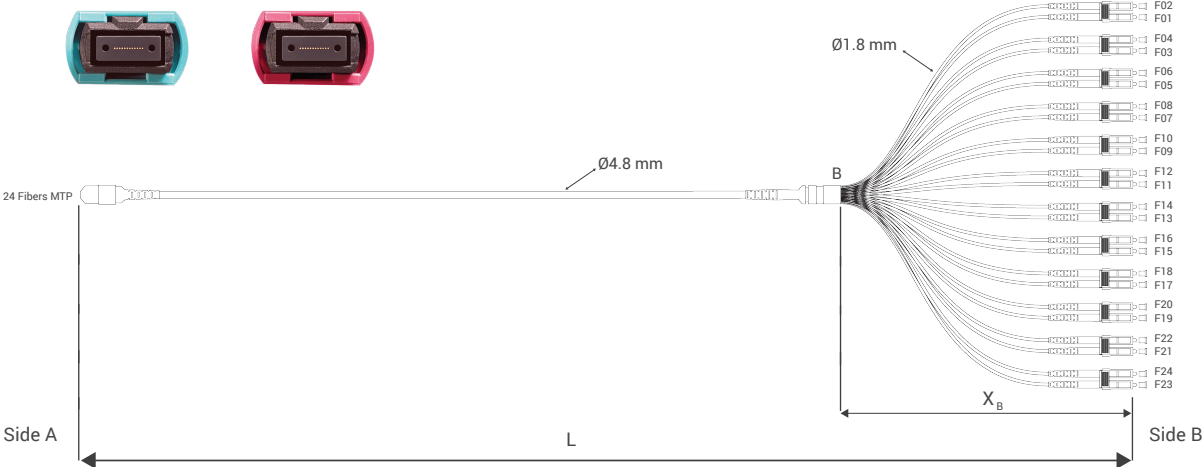
- 24 core distribution fiber optic cable
- Low smoke zero halogen
- Cable Diameter: 4.8 mm / Fan-out Diameter: 1.8 mm
- Max. Tensile Strength: 800N
- Min. Bending Radius 100 mm
- Cable Color: Black

Optical Performance

Insertion Loss	MTP : ≤ 0.35 dB Max.; 0,15 dB Typ.
IEC 61300-3-4 Method B	LC : ≤ 0.30 dB Max.; 0,15 dB Typ.
Return Loss	MTP : ≥ 20 dB
IEC61300-3-6 Method B	LC : ≥ 35 dB

End-face Control Parameters

Geometry Inspection	MFC: IEC 61755-3-31
	SFC: IEC 61755-3-1
Visual Inspection	IEC 61300-3-35



Sample Coding * X (Tube Length) is standard 500 mm. Please contact us for different tube length

U - PC - 24 - MF - 418 - M4 - B - MTPEf - 12LCD - 005M

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	Polarization	Side A	Side B	Length
Universal: U	Patch Cord: PC	24 Fibers: 24	MTP/Fan-out: MF	4.8/1.8 mm: 418	MM G.651 OM3: M3 MM G.651 OM4: M4	A Polarization: A B Polarization: B	MTPEf (Female) MTPEm (Male)	LC-UPC: 12LCD	--- M

2 Fibers Single-Mode Breakout | 4.8 mm

Connector Specifications

LC Connector Compliance	IEC 61754-20, TIA 604-10-A, RoHS
SC Connector Compliance	IEC 61754-4, TIA 604-3, RoHS
One Side Connector Count	2 Connectors
Alignment Technology	Full ceramic ferrule (Zirconia ZrO ₂)
Operating Temperature	-40°C to +85°C
Flammability	UL94 V-0
Durability	< 0.1 dB typical change for > 1000 matings

Optical Performance

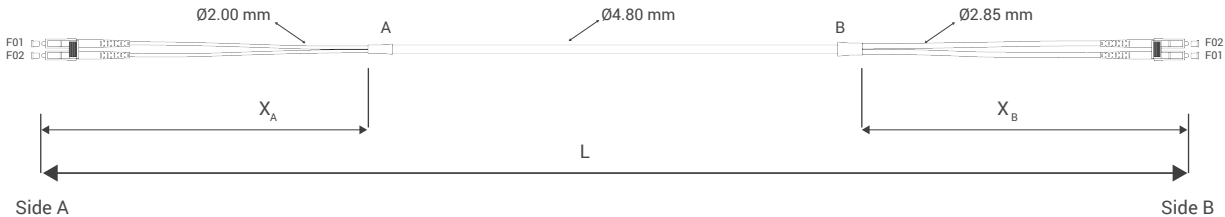
Insertion Loss	Single-Mode: ≤ 0.30 dB Max.
IEC 61300-3-4 Method B	0.15 dB Typ.
Return Loss	Single-Mode UPC: ≥ 50 dB
IEC61300-3-6 Method B	Single-Mode APC: ≥ 60 dB

End-face Control Parameters

Geometry Inspection	UPC : IEC 61755-3-1 APC : IEC 61755-3-2
Visual Inspection	IEC 61300-3-35



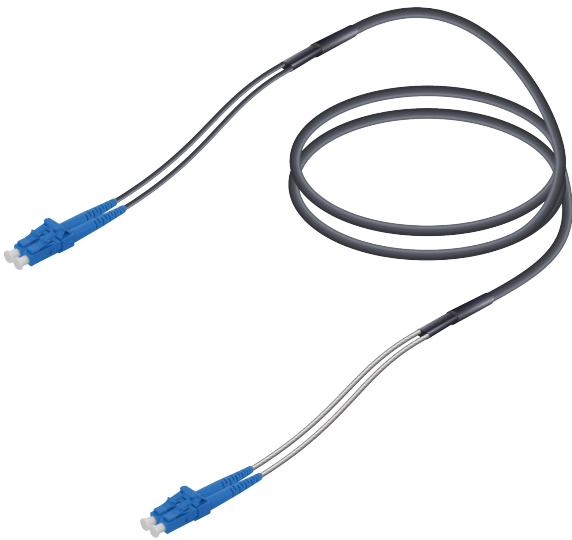
Cable Diameter	4.8 mm
Tight Diameter	0.9 mm
Normal Tube Sub-unit Diameter (V0 Model)	2.00 mm
Metal Corrugated Sub-unit Diameter (V1 Model)	2.85 mm



Sample Coding * X (Tube Length) is standard 500 mm. Please contact us for different tube length

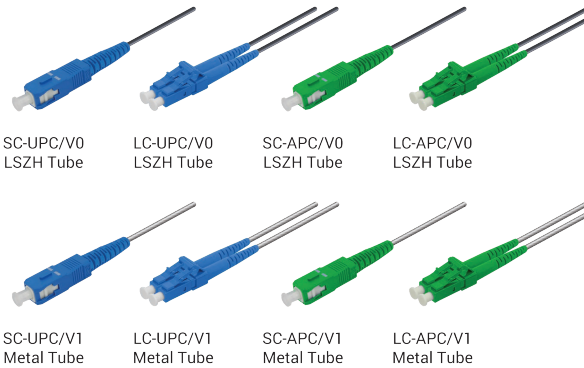
U - PC - 02 - BO - 048 - A2 - LC/V0 - LC/V1 - 005M

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	Side A	Side B	Length
Universal: U	Patch Cord: PC	2 Fibers: 02	Breakout: BO	4.8 mm: 048	SM G.657 A2: A2	SC-UPC/V0: SC/V0 SC-APC/V0: SA/V0 SC-UPC/V1: SC/V1 SC-APC/V1: SA/V1 LC-UPC/V0: LC/V0 LC-APC/V0: LA/V0 LC-UPC/V1: LC/V1 LC-APC/V1: LA/V1	SC-UPC/V0: SC/V0 SC-APC/V0: SA/V0 SC-UPC/V1: SC/V1 SC-APC/V1: SA/V1 LC-UPC/V0: LC/V0 LC-APC/V0: LA/V0 LC-UPC/V1: LC/V1 LC-APC/V1: LA/V1	--- M



Cable Specifications

- 2 core distribution fiber optic cable
- Cable Diameter: 4.8 mm
- Sub-unit Diameter: 2.00 mm / 2.85 mm
- Max. Tensile Strength: 800N
- Min. Bending Radius 100 mm
- Cable Color: Black





2 Fibers Multi-Mode Breakout | 4.8 mm

Connector Specifications

LC Connector Compliance	IEC 61754-20, TIA 604-10-A, RoHS
SC Connector Compliance	IEC 61754-4, TIA 604-3, RoHS
One Side Connector Count	2 Connectors
Alignment Technology	Full ceramic ferrule (Zirconia ZrO ₂)
Operating Temperature	-40°C to +85°C
Flammability	UL94 V-0
Durability	< 0.1 dB typical change for > 1000 matings

Cable Specifications

- 2 cores distribution fiber optic cable
- Cable Diameter: 4.8 mm
- Sub-unit Diameter: 2.00 mm / 2.85 mm
- Max. Tensile Strength: 800N
- Min. Bending Radius 100 mm
- Cable Color: Black

Optical Performance

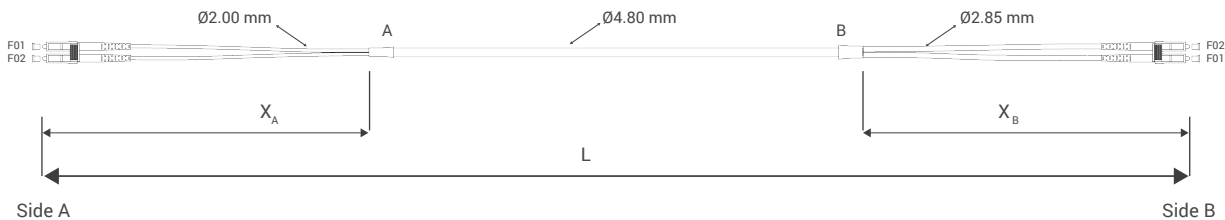
Insertion Loss IEC 61300-3-4 Method B	Multi-Mode: ≤ 0.30 dB Max. 0.15 dB Typ.
Return Loss IEC61300-3-6 Method B	Multi-Mode: ≥ 35 dB

End-face Control Parameters

Geometry Inspection	IEC 61755-3-1
Visual Inspection	IEC 61300-3-35



Cable Diameter	4.8 mm
Tight Diameter	0.9 mm
Normal Tube Sub-unit Diameter (V0 Model)	2.00 mm
Metal Corrugated Sub-unit Diameter (V1 Model)	2.85 mm



Sample Coding * X (Tube Length) is standard 500 mm. Please contact us for different tube length

U - PC - 02 - BO - 048 - M3 - LC/V0 - LC/V1 - 005M

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	Side A	Side B	Length
Universal: U	Patch Cord: PC	2 Fibers: 02	Breakout: BO	4.8 mm: 048	MM G.651 OM2: M2 MM G.651 OM3: M3 MM G.651 OM4: M4	SC-UPC/V0: SC/V0 SC-UPC/V1: SC/V1 LC-UPC/V0: LC/V0 LC-UPC/V1: LC/V1	SC-UPC/V0: SC/V0 SC-UPC/V1: SC/V1 LC-UPC/V0: LC/V0 LC-UPC/V1: LC/V1	--- M

2 Fibers Single-Mode Breakout | 7.0 mm

Connector Specifications

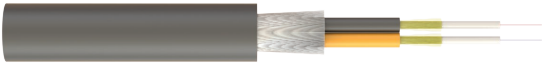
LC Connector Compliance	IEC 61754-20, TIA 604-10-A, RoHS
SC Connector Compliance	IEC 61754-4, TIA 604-3, RoHS
One Side Connector Count	2 Connectors
Alignment Technology	Full ceramic ferrule (Zirconia ZrO ₂)
Operating Temperature	-40°C to +85°C
Flammability	UL94 V-0
Durability	< 0.1 dB typical change for > 1000 matings

Optical Performance

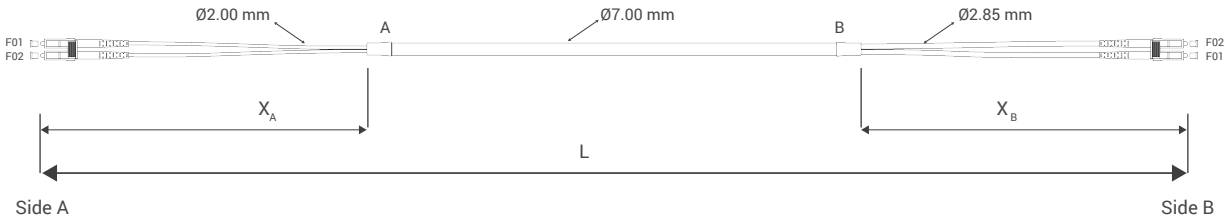
Insertion Loss	Single-Mode: ≤ 0.30 dB Max.
IEC 61300-3-4 Method B	0.15 dB Typ.
Return Loss	Single-Mode UPC: ≥ 50 dB
IEC61300-3-6 Method B	Single-Mode APC: ≥ 60 dB

End-face Control Parameters

Geometry Inspection	UPC : IEC 61755-3-1 APC : IEC 61755-3-2
Visual Inspection	IEC 61300-3-35



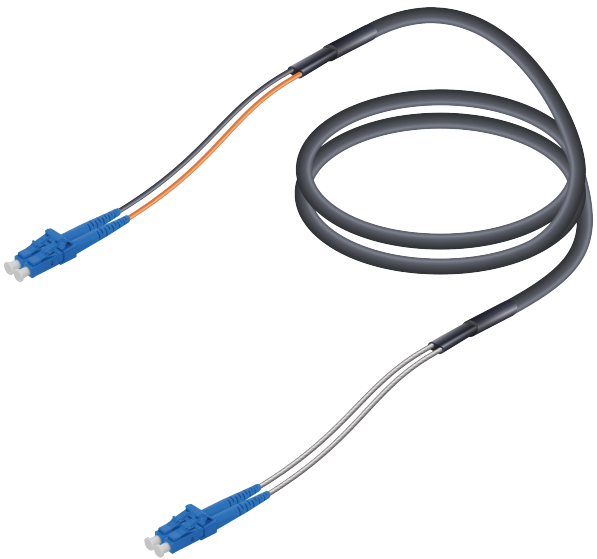
Cable Diameter	7.0 mm
Normal Tube Sub-unit Diameter (V0 Model)	2.00 mm
Metal Corrugated Sub-unit Diameter (V1 Model)	2.85 mm



Sample Coding * X (Tube Length) is standard 500 mm. Please contact us for different tube length

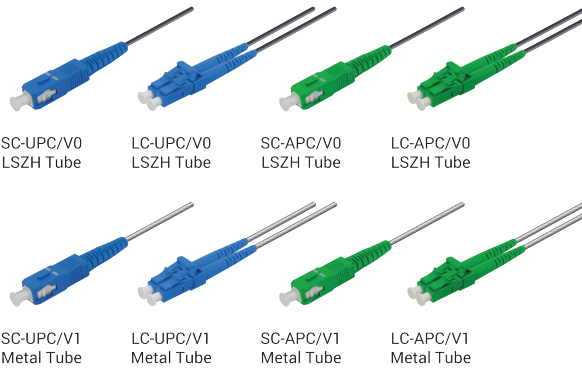
U - PC - 02 - BO - 070 - A2 - LC/V0 - LC/V1 - 005M

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	Side A	Side B	Length
Universal: U	Patch Cord: PC	2 Fibers: 02	Breakout: BO	7.0 mm: 070	SM G.657 A2: A2	SC-UPC/V0: SC/V0 SC-APC/V0: SA/V0 SC-UPC/V1: SC/V1 SC-APC/V1: SA/V1 LC-UPC/V0: LC/V0 LC-APC/V0: LA/V0 LC-UPC/V1: LC/V1 LC-APC/V1: LA/V1	SC-UPC/V0: SC/V0 SC-APC/V0: SA/V0 SC-UPC/V1: SC/V1 SC-APC/V1: SA/V1 LC-UPC/V0: LC/V0 LC-APC/V0: LA/V0 LC-UPC/V1: LC/V1 LC-APC/V1: LA/V1	--- M



Cable Specifications

- 2 core distribution fiber optic cable
- Cable Diameter: 7.0 mm
- Sub-unit Diameter: 2.00 mm / 2.85 mm
- Max. Tensile Strength: 1600N
- Min. Bending Radius 140 mm
- Cable Color: Black





2 Fibers Multi-Mode Breakout | 7.0 mm

Connector Specifications

LC Connector Compliance	IEC 61754-20, TIA 604-10-A, RoHS
SC Connector Compliance	IEC 61754-4, TIA 604-3, RoHS
One Side Connector Count	2 Connectors
Alignment Technology	Full ceramic ferrule (Zirconia ZrO ₂)
Operating Temperature	-40°C to +85°C
Flammability	UL94 V-0
Durability	< 0.1 dB typical change for > 1000 matings

Cable Specifications

- 2 cores distribution fiber optic cable
- Cable Diameter: 7.0 mm
- Sub-unit Diameter: 2.00 mm / 2.85 mm
- Max. Tensile Strength: 1600N
- Min. Bending Radius 140 mm
- Cable Color: Black

Optical Performance

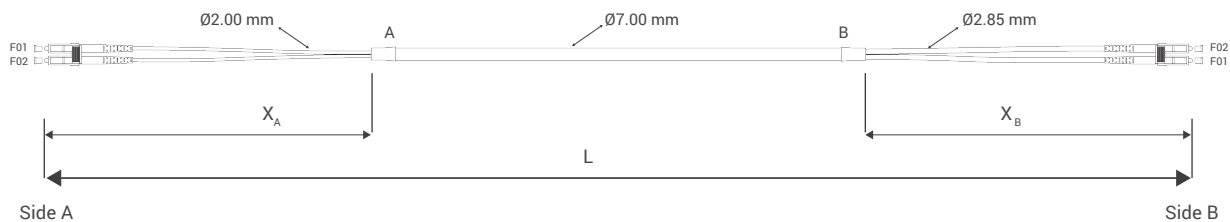
Insertion Loss IEC 61300-3-4 Method B	Multi-Mode: ≤ 0.30 dB Max. 0.15 dB Typ.
Return Loss IEC61300-3-6 Method B	Multi-Mode: ≥ 35 dB

End-face Control Parameters

Geometry Inspection	IEC 61755-3-1
Visual Inspection	IEC 61300-3-35



Cable Diameter	7.0 mm
Normal Tube Sub-unit Diameter (V0 Model)	2.00 mm
Metal Corrugated Sub-unit Diameter (V1 Model)	2.85 mm



Sample Coding * X (Tube Length) is standard 500 mm. Please contact us for different tube length

U - PC - 02 - BO - Ø70 - M3 - LC/V0 - LC/V1 - 005M

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	Side A	Side B	Length
Universal: U	Patch Cord: PC	2 Fibers: 02	Breakout: BO	7.0 mm: Ø70	MM G.651 OM2: M2 MM G.651 OM3: M3 MM G.651 OM4: M4	SC-UPC/V0: SC/V0 SC-UPC/V1: SC/V1 LC-UPC/V0: LC/V0 LC-UPC/V1: LC/V1	SC-UPC/V0: SC/V0 SC-UPC/V1: SC/V1 LC-UPC/V0: LC/V0 LC-UPC/V1: LC/V1	--- M



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TURKIYE

Company

SAMM Teknoloji İletişim San. ve Tic. A.Ş.

Address

GOSB İhsandede Cd. 800. Sok No: 802,
41400 Gebze-Kocaeli, Türkiye

Telephone

+90 444 1 726 / +90 (262) 677 16 80
(Fax) +90 (262) 677 16 81

Email

info@samm.com



GERMANY

Company

SAMM GmbH

Address

Niederstraße 18
40789 Monheim/Deutschland

Telephone

+49 176 814 655 76
+49 176 814 655 84

Email

de@samm.com

Telecom Group

Website

telecom.samm.com

Email

telecom@samm.com



Our Website

