

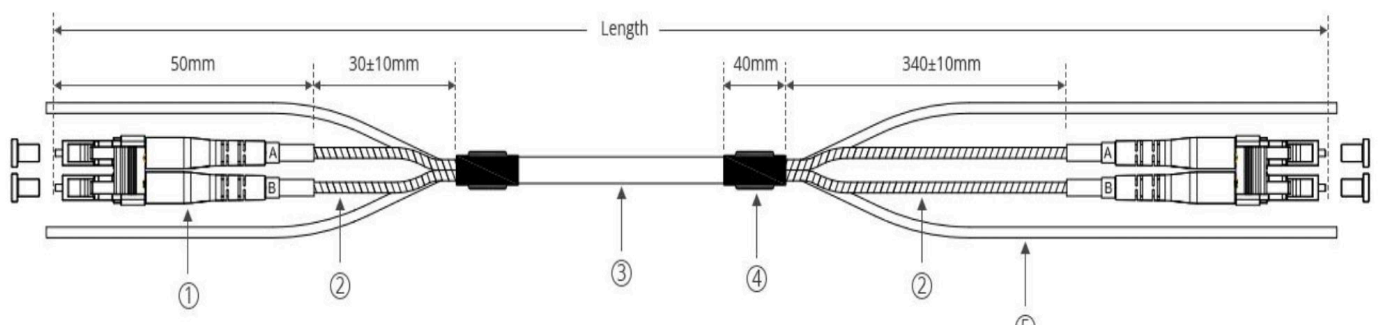
BREAKOUT FIBER PATCH CABLE DATASHEET

DESIGNED FOR OUTDOOR BASE STATION CONSTRUCTION

FTTA patch cable is designed for high reliability in heavy industrial and harsh environment applications, including fiber to the antenna solution. Consisting of Corning fiber cable and LC UPC duplex connectors, the cable features superior crush resistance and a high degree of flexibility with the armored tube. Furthermore, the cable features a flame retardant LSZH jacket which is UV stabilized and highly resistant to chemicals commonly found in industrial environments, also suitable for both indoor and outdoor industrial installations.



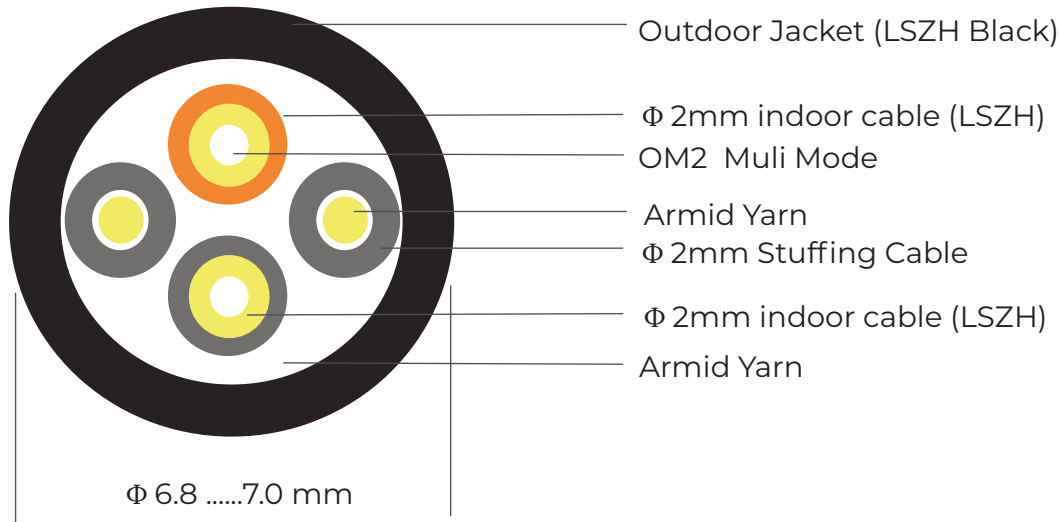
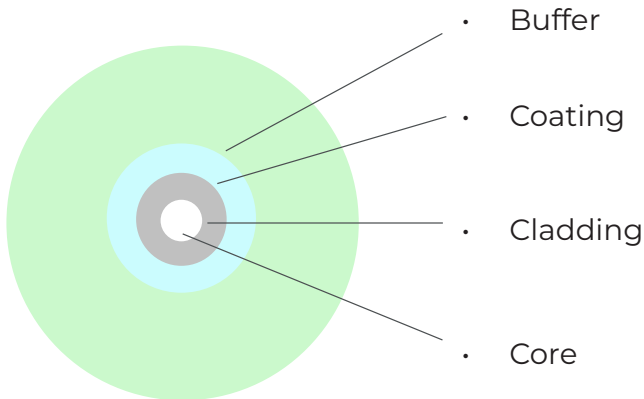
Technical Drawing



Standards Compliance

- IEC 61754 series compliant
- Qualified to Telcordia GR-326 - Core
- ISO 9001, RoHS compliant

Number	Explanation
1	LC UPC Connector (LC, SC, ST.etc..)
2	Armored Tube
3	Φ7.0mm Outer Cable Jacket
4	Heat Shrink Tube
5	Strength Member

SPECIFICATIONS**1. Cable (2 Core)****2. Multi Mode Fiber****SPECIFICATIONS**

- Jacket of Fiber: (FR) PE, LSZH
- Fiber Type: Multi Mode OM2
- 2 Fiber or 4 Fiber upon request
- Water and dustproof, comply with IP 67
- LC, SC, MU, etc.. connector option
- Tensile force > 300N
- Insertion Loss: Typical 0.25 dB / km @1310 nm
- Return Loss (for single mode) : > 50 dB for UPC, > 65 dB for APC
- Working Temperature: -40 C / +85 C
- Minimum installation temperature: -15 C / +60 C
- Storage temperature: -40 C / +80 C

CONNECTOR SPECIFICATIONS

	CONNECTOR A	CONNECTOR B
Insertion Loss	≤ 0.3 dB	≤ 0.3 dB
Return Loss	≥ 35 dB	≥ 35 dB
Endurance	1000 times.	1000 times.
Other parameters meet standard	GR326	GR326

Cable is overwritten ‘

Fibline - OM2 50/125 LSZH CPRI CABLE- (Production year as number) www.Fibline.com.tr - 0000M



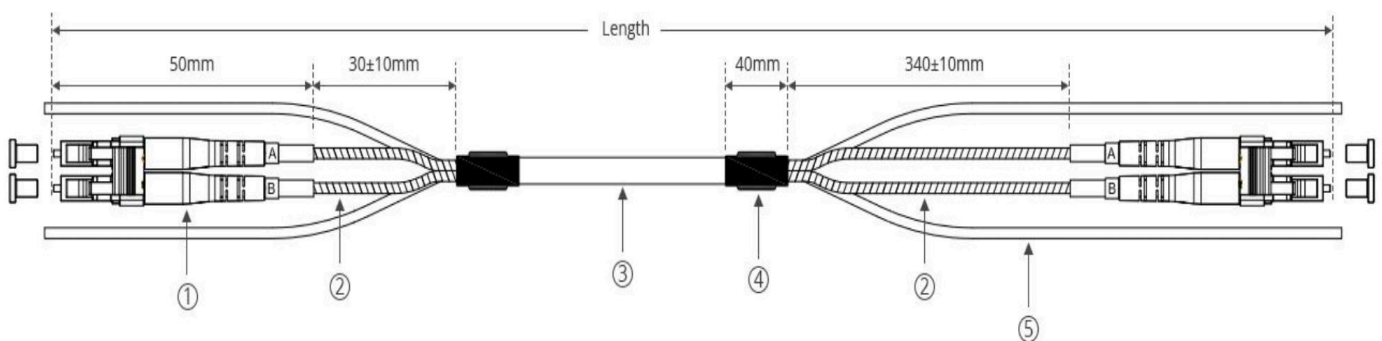
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Technical Drawing



Standards Compliance

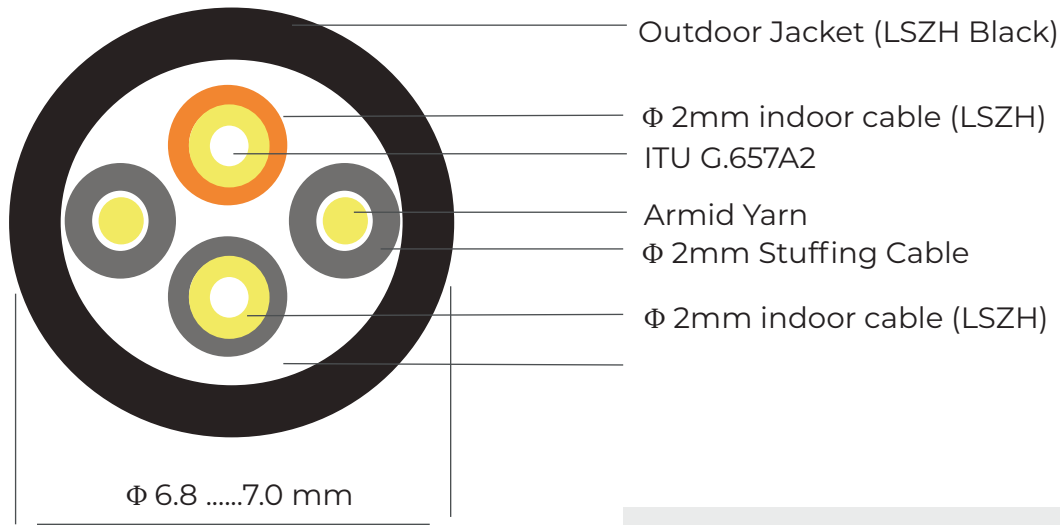
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Number	Explanation
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2	Armored Tube
3	Φ7.0mm Outer Cable Jacket
4	Heat Shrink Tube
5	Strength Member

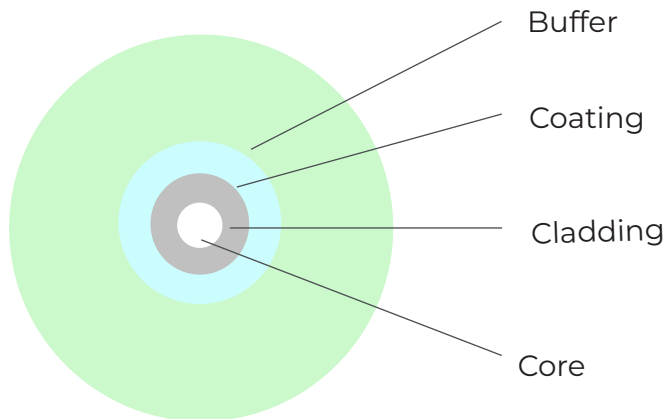
SPECIFICATIONS

1. Cable (2 Core)

1.1 Structure:



2. Single Mode Fiber



SPECIFICATIONS

- Jacket of Fiber: (FR) PE, LSZH
- Fiber Type: G657A2B2
- 2 Fiber or 4 Fiber upon request
- Water and dustproof, comply with IP 67
- LC, SC, MU, etc.. connector option
- Tensile force > 300N
- Insertion Loss: Typical 0.25 dB / km @1310 nm
- Return Loss (for single mode) : > 50 dB for UPC, > 65 dB for APC
- Working Temperature: -40 C / +85 C
- Minimum installation temperature: -15 C / +60 C
- Storage temperature: -40 C / +80 C

CONNECTOR SPECIFICATIONS

	CONNECTOR A	CONNECTOR B
Insertion Loss	≤ 0.2 dB	≤ 0.2 dB
Return Loss	≥ 50 dB	≥ 50 dB
Endurance	1000 times.	1000 times.
Other parameters meet standard	GR326	GR326

Cable is overwritten ‘

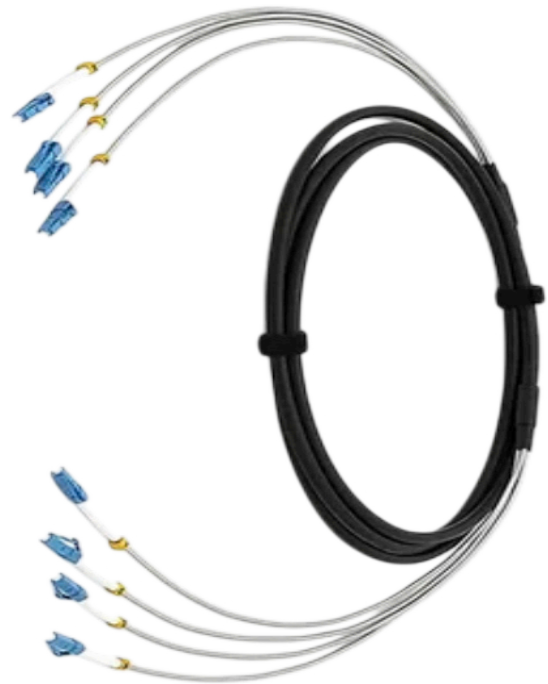
Fibline - Single Mode LSZH CPRI CABLE- (Production year as number) www.Fibline.com.tr - 0000M



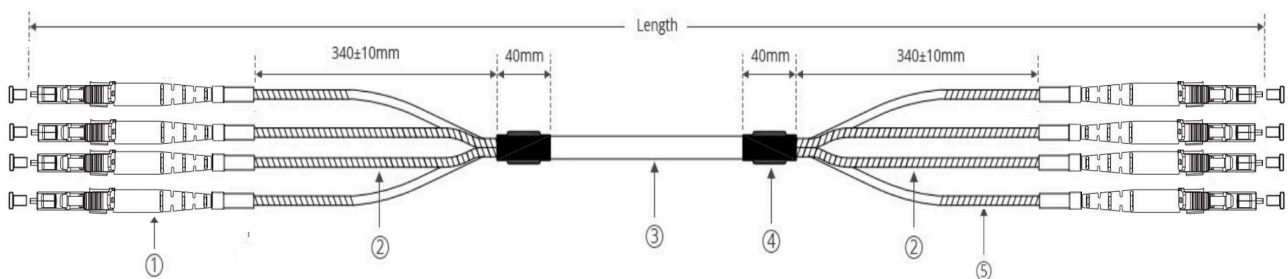
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Technical Drawing



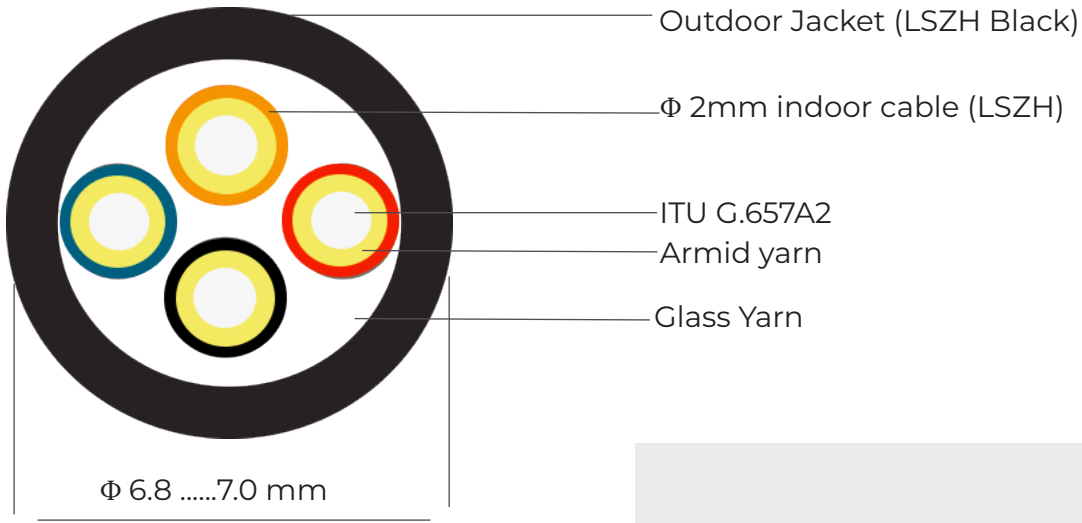
Standards Compliance

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- ISO 9001, RoHS compliant

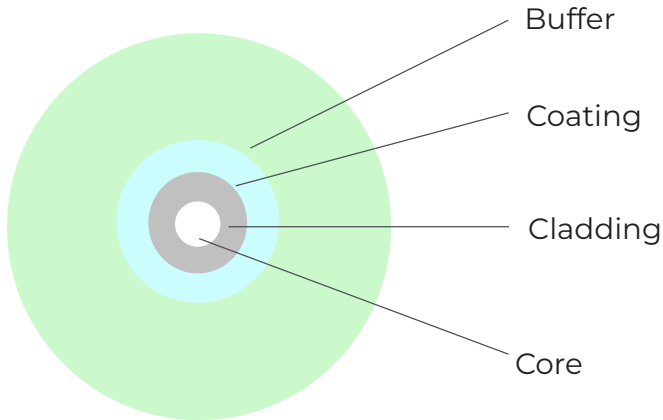
Number	Explanation
1	LC UPC Connector (LC, SC, ST.etc..)
2	Armored Tube
3	$\Phi 7.0\text{mm}$ Outer Cable Jacket
4	Heat Shrink Tube
5	Armored Tube

SPECIFICATIONS

1. Cable (4 Core)



2. Core Details



SPECIFICATIONS

- Jacket of Fiber: (FR) PE, LSZH
- Fiber Type: G657A2B2
- 2 Fiber or 4 Fiber upon request
- Water and dustproof, comply with IP 67
- LC, SC, MU, etc.. connector option
- Tensile force > 300N
- Insertion Loss: Typical 0.25 dB / km @1310 nm
- Return Loss (for single mode) : > 50 dB for UPC, > 65 dB for APC
- Working Temperature: -40 C / +85 C
- Minimum installation temperature: -15 C / +60 C
- Storage temperature: -40 C / +80 C

CONNECTOR SPECIFICATIONS

	CONNECTOR 1	CONNECTOR 2	CONNECTOR 3	CONNECTOR 4
Insertion Loss	≤ 0.2 dB	≤ 0.2 dB	≤ 0.2 dB	≤ 0.2 dB
Return Loss	≥ 50 dB	≥ 50 dB	≥ 50 dB	≥ 50 dB
Endurance	1000 times.	1000 times.	1000 times.	1000 times.
Other parameters meet standard	GR326	GR326	GR326	GR326

Cable is overwritten ‘

Fibline - Single Mode LSZH CPRI CABLE- (Production year as number) www.Fibline.com.tr - 0000M