24 Core MTP to MTP Trunk Cable

Description

The BlueOptics© SFP6363XUXMK MTP Trunk Cable is a high density, high performance, cost effective cable solution to connect QSFP Devices.

All BlueOptics© MTP Trunk Cable come with high return loss and low insertion loss.

BlueOptics© high density MTP Trunk Cables can combine up to 144 Cores in only one Cable.

BlueOptics© MTP Cables are available in many different variants to fit your needs:

- Multi Mode or Single Mode
- Up to 144x Cores in one Cable
- MTP or MTP Connector
- LC, SC and ST Connector
- Breakout
- Trunk

Features

- ✓ 2x MTP Connector with 24 Cores
- ✓ PC or APC Polish
- ✓ High Quality Ceramic Zirconia Ferrule
- ✓ Brand-name Fiber
- ✓ Aqua (OM3) / Magenta (OM4) / Yellow (SM)
- ✓ Insertion Loss: ≤ 0.4dB
- ✓ Nissin Kasei MTP CoMTPnents
- ✓ Highest Connector Quality: Up 1500 mating cycles
- ✓ Interferometer tested
- ✓ Single Packed
- ✓ Test Report

Applications

- ✓ Data Center
- ✓ Modular Networks
- ✓ Fiber Networks

Warnings

Laser Safety: Even small radiation emitted by laser devices can be dangerous to human eyes and lead to permanent eye injuries. Be sure to avoid eye contact with direct or indirect radiation.

Warranty

Every BlueOptics© MTP Trunk Cable comes with a 25 year replacement warranty and lifetime support.
For a warranty inquiry, please contact your CBO sales representative.
This warranty only covers the first user of the equipment.

IMTPrtant Notice

Performance figures, data and any illustrative material provided in this data sheet are typical and must be specifically confirmed in writing by CBO before they become applicable to any particular order or contract. In accordance with the CBO policy of continuous improvement specifications may change without notice.

The publication of information in this data sheet does not imply freedom from patent or other protective rights of CBO or others.

Further details are available from any CBO sales representative.

Installation

Remove the dust caps of the MTP Connector.

Connect the MTP Connector to your device.

You can now use your connection.

If you got problems with the connection:

- *Please make sure the connector is clean. If not, use a tissue and anhydrous alcohol to clean it accurate.*
- *Make sure to use BlueOptics© products for full functionality.*

Order Information

Part No.	Polish	Color	Fiber	Length
SFP6363EU10MK	PC	Aqua	OM3	10 Meter
SFP6363EU20MK	PC	Aqua	OM3	20 Meter
SFP6363EU30MK	PC	Aqua	OM3	30 Meter
SFP6363EU50MK	PC	Aqua	OM3	50 Meter
SFP6363FU10MK	PC	Magenta	OM4	10 Meter
SFP6363FU20MK	PC	Magenta	OM4	20 Meter
SFP6363FU30MK	PC	Magenta	OM4	30 Meter
SFP6363FU50MK	PC	Magenta	OM4	50 Meter
SFP6363BU10MK	PC	Yellow	G.652.D	10 Meter
SFP6363BU20MK	PC	Yellow	G.652.D	20 Meter
SFP6363BU30MK	PC	Yellow	G.652.D	30 Meter
SFP6363BU50MK	PC	Yellow	G.652.D	50 Meter
SFP6363BU10MK	APC	Yellow	G.652.D	10 Meter
SFP6363BU20MK	APC	Yellow	G.652.D	20 Meter
SFP6363BU30MK	APC	Yellow	G.652.D	30 Meter
SFP6363BU50MK	APC	Yellow	G.652.D	50 Meter

Regulatory Compliance

Feature	Standard	Co.
Smoke Density Purpose	IEC-61034	✓
Halogen Acid Content	IEC-754-1	✓
Flame Resistance	IEC 60332-1, IEC 60332-3	✓
CoMTPnent Recognition	IEC/EN 60950, UL	✓
RoHS	2002/95/EC	✓
WEEE	2002/96/EG	✓

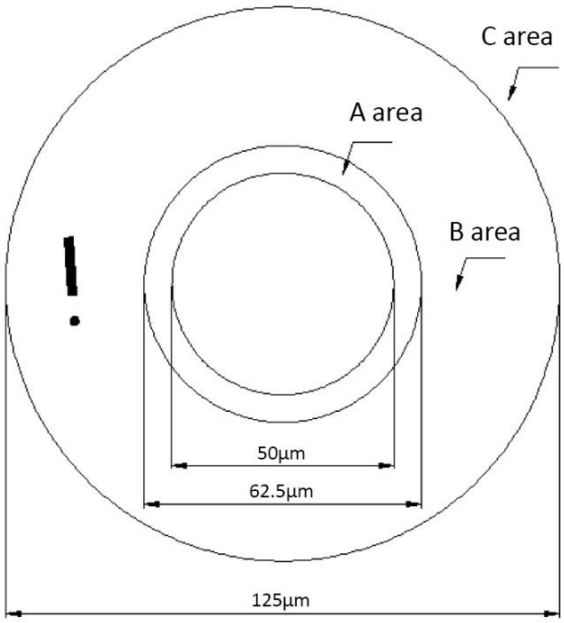
1. MTP/PC Geometrical Parameter

Parameter	Standard	
	Minimum	*Maximum*
Insertion Loss (dB)	0.4	0.7
Apex offset (um)	0	*50*
Fiber Height(nm)	-0.02*R3 +1.3R2 -31R+325	*100*

2. Reliability Performance

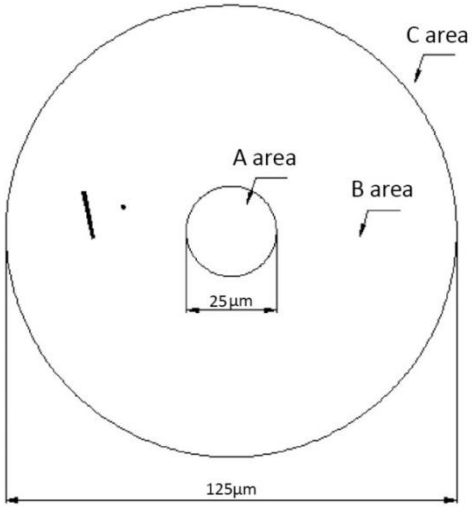
Item	Content	Standard Clause	Conclusion
1	New Device Performance	GR-326-Core 4.4.1	OK
2	High Temperature Aging	GR-326-Core 4.4.2.1	OK
3	Temperature Cycle	GR-326-Core 4.4.2.2	OK
4	Damp-heat Aging	GR-326-Core 4.4.2.3	OK
5	Damp & Hot/ Condensation Cycle	GR-326-Core 4.4.2.4	OK
6	Draying (Not test Item)	GR-326-Core 4.4.2.5	N/A
7	Temperature Cycle after Condensation	GR-326-Core 4.4.2.6	OK
8	Vibration	GR-326-Core 4.4.3.1	OK
9	Buckling	GR-326-Core 4.4.3.2	OK
10	Twist	GR-326-Core 4.4.3.3	OK
11	Tensile	GR-326-Core 4.4.3.4	OK
12	Transmission Performance with Loading	GR-326-Core 4.4.3.5	OK
13	Impact	GR-326-Core 4.4.3.7	OK
14	Durability	GR-326-Core 4.4.3.8	OK
15	Device test after environmental and mechanical test	GR-326-Core 4.4.3.9	OK
16	Salt Spray	GR-326-Core 4.4.4.4	OK
17	85°C water soak	GR-326-Core 4.4.4.5	OK

3. Quality assurance – Multi Mode



Area A (0~50µm):	Area B (50~125µm):	Area C (125~250µm):
- No any scratch, chips / black dot - No cleanable dust	- White slight scratch width ≤2µm, no limit of length, Acceptable Quantity≤3 - No black scratches - Chips /black dot diameter ≤2µm, Acceptable Quantity≤3 - No cleanable dust	- White slight scratch width ≤2µm, no limit of length, Acceptable Quantity≤5 - No black scratch - Chips /black dot diameter ≤5µm, Acceptable Quantity≤5 - No cleanable dust - No flaw for ceramic ferrule

4. Quality assurance – Single Mode



Area A (0~25µm):	Area B (25~125µm):	Area C (125~250µm):
- No any scratch, chips / black dot - No cleanable dust	- White slight scratch width = 1µm, no limit of length, Acceptable Quantity=2 - No black scratches - Chips /black dot diameter ≤2µm, Acceptable Quantity≤2 - No cleanable dust	- White slight scratch width ≤2µm, no limit of length, Acceptable Quantity≤3 - No black scratch - Chips /black dot diameter ≤5µm, Acceptable Quantity≤3 - No cleanable dust - No flaw for ceramic ferrule