

OZLINX Multipair Cables Data Sheet

Description:

24 AWG, Twisted-Pair, solid bare copper / CCS conductors, rip cord, PVC inner jacket, outer jacket LSZH / PVC / PE outer jacket, Jelly Filled or non Jelly Filled.

Applications:

- Mainly used for Telecommunication/voice wiring needs like Indoor permanent installation, switch-boards, Telephone exchanges and communication devices; suitable for horizontal and vertical cabling.

No. of Pairs	Sheath Material	Conductor (AWG)	Insulation (PE) Diameter (mm)	Jacket Outer Diameter	Weight (kg/km)
25	PVC	24	0.91	12.5	169
50	PVC	24	0.91	15.8	306
100	PVC	24	0.91	22.4	594
25	LSZH	24	0.91	12.5	158
50	LSZH	24	0.91	15.8	289
100	LSZH	24	0.91	22.4	568

Construction Parameter	Cable Type
	25 pair, 50 pair, 100 pair

Mechanical Characteristics

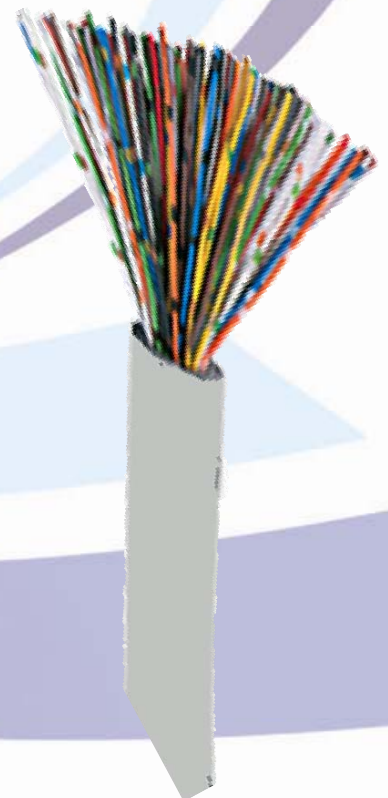
Conductor Diameter	24 AWG Solid Bare Copper / CCS
Insulation Material	High Density Polyethylene
Insulation Thickness	Avg. 0.2mm
Rip cord	Nylon
Outer Jacket Color	Black
Outer Jacket	PVC / LSZH

Electrical Parameter

Conductor Resistance	92.20 ohm/km at 20°C max.
Mutual Capacitance	50 nF/km max.
Insulation Resistance in Air	10000M-ohm km
Capacitance Unbalance – pair to pair	250 pF/100m max.
Capacitance Unbalance – pair to ground	330 pF/100 max.
Resistance Unbalance	5% max.

Cable Properties

Minimum Bending Radius Installed	8 x D
Maximum Tensile Load, Installation	No. of pairs x 100N
Maximum Tensile Load, Installed	No Stretch
Operating Temperature	-20°C to 75°C
Installation Temperature Range	-20°C to 50°C



Electrical Performance:

Frequency (MHz)	Attenuation, Nom. (dB/100m)	NEXT (dB)	ACR (dB)
1.0	2.60	41	38
4.0	5.60	32	26
8.0	8.50	28	19
10.0	9.70	26	16
16.0	13.10	23	10

Agency Compliances:

- TIA/EIA-568-B Specifications
- TIA/EIA-568-A Specifications
- ISO/IEC 11801

Ordering Information:

S. #	Part Number	Description	Color	Unit	Packaging Details
1	OZ266240-C325	OZLINX 25 Pair Multipair Indoor Cable (Copper, 24AWG), PVC, Jelly Filled	Black	Meter	305m/ Drum
2	OZ266240-C350	OZLINX 50 Pair Multipair Indoor Cable (Copper, 24AWG), PVC, Jelly Filled	Black	Meter	305m/ Drum
3	OZ266240-C3100	OZLINX 100 Pair Multipair Indoor Cable (Copper, 24AWG), PVC, Jelly Filled	Black	Meter	305m/ Drum
4	OZ266241-C32	OZLINX 2 Pair Multipair Cable Reel (CCS, 24AWG), (1 Reel = 305 meters)	Black	Reel	305m/ Reel
5	OZ266241-C325	OZLINX 25 Pair Multipair Cable (CCS, 24AWG) (1 Drum = 305 meters)	Black	Meter	305m/ Drum
26	OZ266241-C350	OZLINX 50 Pair Multipair Cable (CCS, 24AWG) (1 Drum = 305 meters)	Black	Meter	305m/ Drum
7	OZ266241-C3100	OZLINX 100 Pair Multipair Cable (CCS, 24AWG) (1 Drum = 305 meters)	Black	Meter	305m/ Drum
8	OZ266244-C32	OZLINX 2 Pair Multipair Cable Reel (CCS, 24AWG), LSZH (1 Reel = 305 meters)	Black	Meter	305m/ Reel
9	OZ266244-C310	OZLINX 10 Pair Multipair Cable (CCS, 24AWG), LSZH (1 Drum = 500 meters)	Black	Meter	500m/ Drum
10	OZ266244-C325	OZLINX 25 Pair Multipair Cable (CCS, 24AWG), LSZH (1 Drum = 305 meters)	Black	Meter	305m/ Drum
11	OZ266244-C350	OZLINX 50 Pair Multipair Cable (CCS, 24AWG), LSZH (1 Drum = 305 meters)	Black	Meter	305m/ Drum
12	OZ266244-C3100	OZLINX 100 Pair Multipair Cable (CCS, 24AWG), LSZH (1 Drum = 305 meters)	Black	Meter	305m/ Drum

OZLINX 50 Port Voice Patch Panel Data Sheet

Description:

The OZLINX 50 port 19" rack mount voice patch panel is the state of the art cable enclosure/termination kit for the telephone system. OZLINX voice patch panel is designed for high density termination of TIA recommended horizontal cable and are available in 50 port capacity. Rear Cable entry provided for better lacing and cable management as well as improved CAT3 performance.

The panel can support up to 50 voice ports connecting to any standard voice circuit. The rear of the panel offers a choice of between 60 and 150 voice pairs to suit a variety of PBX (Private Branch eXchange) systems and direct line connections. The panel base has ample cable management configurations providing additional security for incoming cables.

Product Features:

- Panel Width: 19" (483mm)
- Panel Height: 1U (44.45mm)
- Panel Depth: 142.0mm
- Port Style: 50 RJ45 ports
- Color: Black
- Punch Down Blocks: LSA style IDC
- Reliable and transparent termination
- Familiar termination practice
- Easy to lace and manage cables, for quick and user-friendly installation
- High density termination
- Rear cable entry
- Aluminum 1U patch panel
- Suitable for ISDN, analogue, and digital systems
- TIA CAT3 compliant for CAT3 multipair cable
- PSTN, PABX, & Secondary connection types



P/N: OZ266224-VP50

Agency Compliance:

- TIA/EIA-568-B Specifications
- TIA/EIA-568-A Specifications
- ISO/IEC 11801

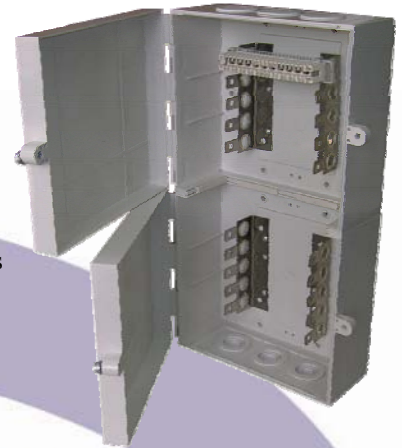
Ordering Information:

S. #	Part Number	Description	Color	Unit	Packaging Details
1	OZ266224-VP50	OZLINX 50 Ports Voice Patch Panel	Black	No	1/Box

OZLINX Indoor Distribution Box & Disconnection Module Data Sheet

Description:

The ultimate flexibility and security with the OZLINX telecom wiring enclosures with key/screw locks of CAT3 cables for horizontal as well as vertical cabling system. These eliminate wiring errors and provide better usability of the materials with the ease of installation.



P/N: OZ266233-DB100



P/N: OZ266235-DB50



P/N: OZ266232-DB50

Characteristics:

- Capacity: 30/50/100 pairs.
- Module: Disconnection module.
- Robust and installer-friendly design to reduce installation and operating costs.
- Enclosure type: Modular.
- Cable entry knockouts on all sides.
- Material: Polystyrene.
- Stable and maintenance-free use.
- All reeds possess damp proof and antioxidant protectant.

Applications:

- Backbone distribution or equipment terminations in Telecommunication Rooms OR Interconnection terminations in consolidation points.

Packaging:

- Individually packaged in a cardboard box.

Mechanical Characteristics:

- Temperature: -40 ~ +50°C
- Relative humidity: 80% at 20°C
- Atmospheric pressure: 86 ~ 106Kpa

Agency Compliances:

- UL94-V0
- TIA/EIA-862 (Building Automation)
- TIA/EIA-568-A Specifications

Disconnection Module:

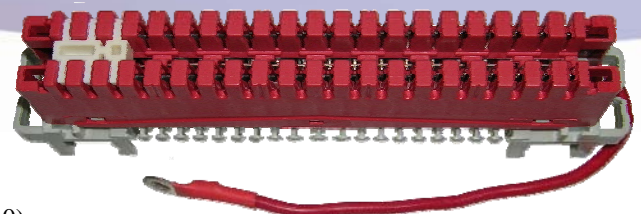
10-Pair IDC module (Disconnect type), 10-Pair IDC (insulation displacement connection) modules are designed for OZLINX Distribution boxes of 30, 50, & 100 pair. High impact, fire resistant PBT material with corrosion-resistant 50-micron silver plated ODC terminals. Terminate wires using any impact tool designed for termination of Krone terminals.



P/N: OZ266238-MOD10

Product Features:

Insulation resistance:	$\geq 5 \times 10^4$ M ohms
Contact resistance:	≤ 1 M ohms
Pull of force:	≥ 25 N
Use time:	≥ 100
Copper conductor:	0.4 – 0.7mm
Material:	Plastic PBT or ABS (UL 94v-0)
Contact material:	Phosphor bronze
Plating:	Silver
Compatible with OZLINX's all types of DBs	



P/N: OZ266239-MODG

Ordering Information:

S. #	Part Number	Description	Color	Unit	Packaging Details
1	OZ266231-DB30	OZLINX 30 Pair Indoor Distribution Box with Screw Lock	White	No	1/Box
2	OZ266232-DB50	OZLINX 50 Pair Indoor Distribution Box with Screw Lock	White	No	1/Box
3	OZ266233-DB100	OZLINX 100 Pair Indoor Distribution Box with Screw Lock	White	No	1/Box
4	OZ266234-DB30	OZLINX 30 Pair Indoor Distribution Box with Key Lock	Grey	No	1/Box
5	OZ266235-DB50	OZLINX 50 Pair Indoor Distribution Box with Key Lock	Grey	No	1/Box
6	OZ266236-DB100	OZLINX 100 Pair Indoor Distribution Box with Key Lock	Grey	No	1/Box
7	OZ266238-MOD10	OZLINX 10 Pair Disconnection Module	Off White	Box	10/Box
8	OZ266239-MODG	OZLINX 10 Pair Ground Module	Red	Box	10/Box

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