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OPR-SL/OPR-SL(SB)

This slim robot cable (SL) evolved from ORP serizes

## Feature

This slim cable became 20% smaller diameter than ORP Cable

Each Robot cable has compatible with a widerange of models against any movement of robots

## Apprication

Best suited moving parts of equipment &amp; between devices

## Standard spec.

UL2464(80°C、300V)

Insulation: Special Elastomer

Sheath material : Oil resistance PVC

## Product classification

stranding type

non shield 300V rating

ORP-SL

twist pair type

braided 300V rating

ORP-SL(SB)

## Order style

ORP-SL

cross  
sectional

×

□C/□P  
Conductor NO/Pairshield or non  
shield

(2464)

Base style  
Slim type0.05SQ  
∫  
0.5SQ

Stranding	Twist pair
3C	1P
∫	∫
15C	20P

shield : (SB)  
No shield : blank

## Bending properties

Test item	Result	Evaluation conditions
Cable carrier test	100 milliontimes over	Bending radius:6times of the Sliding speed:70times/min. Travel distance :350mm
Bending Test Right/Left at90degrees	20milliontimes o	Bending radius:8times of the Bending angle:±90° Bending speed:40times/min. Weight:4.9N Count:Number of left and right
Twisting test	20milliontimes over	Twist angle : ±180° Twist speed70times/min. Spacex:500mm



Industrial EtherNet LAN Cable  
Optical Cable Optical Terminal Box  
Robot Cable Instrumentation Cable  
Network LAN Construction

ネットシステム株式会社

Net System Co.,Ltd

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ORP-D

600V Power supply Robot Cable

Strong Point

Compatible with 600V ratings and achieved small diameter and so on 300V ratings

Appropriate for wiring in narrow space & small equipment is good handling excellent in flexibility

Location

Moving device, Inspection equipments, Moving parts of manufacturing equipments

Welding Robot, assembly Robot, Articulated Robot arms & turning part

Base specification

UL2586(105°C、600V)

Insulation : Special elastomer

Outer jacket : Pre oil PVC

Product classification

Stranding Type

Non shield.600V ratings

ORP-D

Order style

ORP-D

□□SQ  
Cross

□□C  
Conductor

(2586)

Base style  
Slim style

0.5SQ  
S  
5.5SQ

2C  
S  
10C

Bending characteristic

Test item	Result	Evaluation condition
Cable carrier test	100 million times over	Bending radius: 6 times of the Sliding speed : : 70 times/min. Travel distance: 350mm
Bending test Right/Left at 90 degrees	20 million times over	Bending radius: 8 times of the Bending angle: ±90° Bending speed: 40 times/min. Weight: 4.9N Counter: Number of left & right
Twisting test	20 million times over	Twist angle: ±180° Twist speed: 70 times/min. Space: 500mm



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Oki Electric Cable		<ul style="list-style-type: none"> <li>• Sales of Cables</li> <li>• Cutting of Cables</li> </ul>	<b>ORP-SL</b> Slim type Robot cables, Stranding type (non shield)	July, 2021
1B-2	price			

Sales unit	We are seller from minum length at 10m, After cutting seller in 1m increments
Sales price	Under the price is incude cutting fee. After cutting seller in 1m increments

製品番号	Production Number	UL Style NO	Qty(identification)	NSC Price	NS Price	Deliverables
			L=m			
OS3003	ORP-SL 0.05SQ × 3C (2464)					Makers stock
OS3004	ORP-SL 0.05SQ × 4C (2464)					Makers stock
OS2803	ORP-SL 0.1SQ × 3C (2464)					Makers stock
OS2804	ORP-SL 0.1SQ × 4C (2464)					Makers stock
OS2805	ORP-SL 0.1SQ × 5C (2464)					Makers stock
OS2806	ORP-SL 0.1SQ × 6C (2464)					Makers stock
OS2807	ORP-SL 0.1SQ × 7C (2464)					Makers stock
OS2808	ORP-SL 0.1SQ × 8C (2464)					Makers stock
OS2810	ORP-SL 0.1SQ × 10C (2464)					Makers stock
OS2503	ORP-SL 0.2SQ × 3C (2464)					Makers stock
OS2504	ORP-SL 0.2SQ × 4C (2464)					Makers stock
OS2505	ORP-SL 0.2SQ × 5C (2464)					Makers stock
OS2506	ORP-SL 0.2SQ × 6C (2464)					Makers stock
OS2507	ORP-SL 0.2SQ × 7C (2464)					Makers stock
OS2508	ORP-SL 0.2SQ × 8C (2464)					Makers stock
OS2510	ORP-SL 0.2SQ × 10C (2464)					Makers stock
OS2303	ORP-SL 0.3SQ × 3C (2464)					Makers stock
OS2304	ORP-SL 0.3SQ × 4C (2464)					Makers stock
OS2305	ORP-SL 0.3SQ × 5C (2464)					Makers stock
OS2306	ORP-SL 0.3SQ × 6C (2464)					Makers stock
OS2307	ORP-SL 0.3SQ × 7C (2464)					Makers stock
OS2308	ORP-SL 0.3SQ × 8C (2464)					Makers stock
OS2310	ORP-SL 0.3SQ × 10C (2464)					Makers stock
OS2503	ORP-SL 0.5SQ × 3C (2464)					Makers stock
OS2504	ORP-SL 0.5SQ × 4C (2464)					Makers stock

※ About the price, Please contact us each time with our sales staff . The above the price is reference price. Because, not only copper price but also compoud is remarkable rize.

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OKI Electric Cable		Cutting & Sales of Cables(1m unit at 10m and more)	ORP-SL(SB) Slim Type Robot Cable ・ Twist pair&shield type	July. 2021
1B-3	price			

Sales Unit	We are seller from minium length at 10m , After cutting seller in 1m increments.
Sales Price	After cutting price seller in 1m increments.

Production NO	Poduction NO	ULStyle NO	Qty	NSC Price	NS Price	Deliverables
			L=m			
OS3011	ORP-SL 0.05SQ × 1P (SB) (2464)					Makers stock
OS3022	ORP-SL 0.05SQ × 2P (SB) (2464)					Makers stock
OS3033	ORP-SL 0.05SQ × 3P (SB) (2464)					Makers stock
OS3044	ORP-SL 0.05SQ × 4P (SB) (2464)					Makers stock
OS2811	ORP-SL 0.1SQ × 1P (SB) (2464)					Makers stock
OS2822	ORP-SL 0.1SQ × 2P (SB) (2464)					Makers stock
OS2833	ORP-SL 0.1SQ × 3P (SB) (2464)					Makers stock
OS2844	ORP-SL 0.1SQ × 4P (SB) (2464)					Makers stock
OS2855	ORP-SL 0.1SQ × 5P (SB) (2464)					Makers stock
OS2866	ORP-SL 0.1SQ × 6P (SB) (2464)					Makers stock
OS2877	ORP-SL 0.1SQ × 7P (SB) (2464)					Makers stock
OS2888	ORP-SL 0.1SQ × 8P (SB) (2464)					Makers stock
OS281010	ORP-SL 0.1SQ × 10P (SB) (2464)					Makers stock
						Makers stock
OS2511	ORP-SL 0.2SQ × 1P (SB) (2464)					Makers stock
OS2522	ORP-SL 0.2SQ × 2P (SB) (2464)					Makers stock
OS2533	ORP-SL 0.2SQ × 3P (SB) (2464)					Makers stock
OS2544	ORP-SL 0.2SQ × 4P (SB) (2464)					Makers stock
OS2555	ORP-SL 0.2SQ × 5P (SB) (2464)					Makers stock
OS2566	ORP-SL 0.2SQ × 6P (SB) (2464)					Makers stock
OS2577	ORP-SL 0.2SQ × 7P (SB) (2464)					Makers stock
OS2588	ORP-SL 0.2SQ × 8P (SB) (2464)					Makers stock
OS251010	ORP-SL 0.2SQ × 10P (SB) (2464)					Makers stock
OS2311	ORP-SL 0.3SQ × 1P (SB) (2464)					Makers stock
OS2322	ORP-SL 0.3SQ × 2P (SB) (2464)					Makers stock
OS2333	ORP-SL 0.3SQ × 3P (SB) (2464)					Makers stock
OS2344	ORP-SL 0.3SQ × 4P (SB) (2464)					Makers stock
OS2355	ORP-SL 0.3SQ × 5P (SB) (2464)					Makers stock
OS2366	ORP-SL 0.3SQ × 6P (SB) (2464)					Makers stock
OS2377	ORP-SL 0.3SQ × 7P (SB) (2464)					Makers stock
OS2388	ORP-SL 0.3SQ × 8P (SB) (2464)					Makers stock
OS231010	ORP-SL 0.3SQ × 10P (SB) (2464)					Makers stock

※ About the price, Please contact us each time with our sales staff.The above price is reference price, Because a copper base is remarkable rise.

Industrial EtherNet LAN Cable Optical Cable    Optical Terminal Box Robot Cable    Instrumentation Cable Network LAN Construction	 <b>ネットシステム株式会社</b> Net System Co.,Ltd 〒201-0004 東京都柏江市岩戸北3-11-7 TEL 03-5497-7021 FAX 03-5497-7022 <a href="http://www.ns-jpn.co.jp">http://www.ns-jpn.co.jp</a>
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Okielectric cable

Cutting & Sales of  
cablesOKI ORP-D  
Robot cable • Non shield type

July. 2021

2B-2 price

Sels unit	We are seller from minimum length at 10m. After cutting seller in 1 m increments. Under the price is include cutting fee. In the case of fixed length, We will give you a quotation.
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Sales price	Each products are depend on copper ves.. (Scheduled revision date : Apr,1、 Jul,1、 Oct,1、 Jan, About the price , Please contact our sales staff each time.
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Part NO.	Production NO.	UL Style NO	Length	NSC Price	NS Price	Deliverables
			Order			
OD2102	ORP-D 0.5SQ 2C (2586)					makers stock
OD2103	ORP-D 0.5SQ 3C (2586)					makers stock
OD2104	ORP-D 0.5SQ 4C (2586)					makers stock
OD2105	ORP-D 0.5SQ 5C (2586)					makers stock
OD2106	ORP-D 0.5SQ 6C (2586)					makers stock
OD2108	ORP-D 0.5SQ 8C (2586)					makers stock
OD2110	ORP-D 0.5SQ 10C (2586)					makers stock
OD1902	ORP-D 0.75SQ 2C (2586)					makers stock
OD1903	ORP-D 0.75SQ 3C (2586)					makers stock
OD1904	ORP-D 0.75SQ 4C (2586)					makers stock
OD1905	ORP-D 0.75SQ 5C (2586)					makers stock
OD1906	ORP-D 0.75SQ 6C (2586)					makers stock
OD1908	ORP-D 0.75SQ 8C (2586)					makers stock
OD1910	ORP-D 0.75SQ 10C (2586)					makers stock
OD1702	ORP-D 1.25SQ 2C (2586)					makers stock
OD1703	ORP-D 1.25SQ 3C (2586)					makers stock
OD1704	ORP-D 1.25SQ 4C (2586)					makers stock
OD1705	ORP-D 1.25SQ 5C (2586)					makers stock
OD1706	ORP-D 1.25SQ 6C (2586)					makers stock
OD1708	ORP-D 1.25SQ 8C (2586)					makers stock
OD1710	ORP-D 1.25SQ 10C (2586)					makers stock
OD1502	ORP-D 2SQ 2C (2586)					makers stock
OD1503	ORP-D 2SQ 3C (2586)					makers stock
OD1504	ORP-D 2SQ 4C (2586)					makers stock
OD1505	ORP-D 2SQ 5C (2586)					makers stock
OD1506	ORP-D 2SQ 6C (2586)					makers stock
OD1508	ORP-D 2SQ 8C (2586)					makers stock
OD1510	ORP-D 2SQ 10C (2586)					makers stock

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