

# A perfect performance.

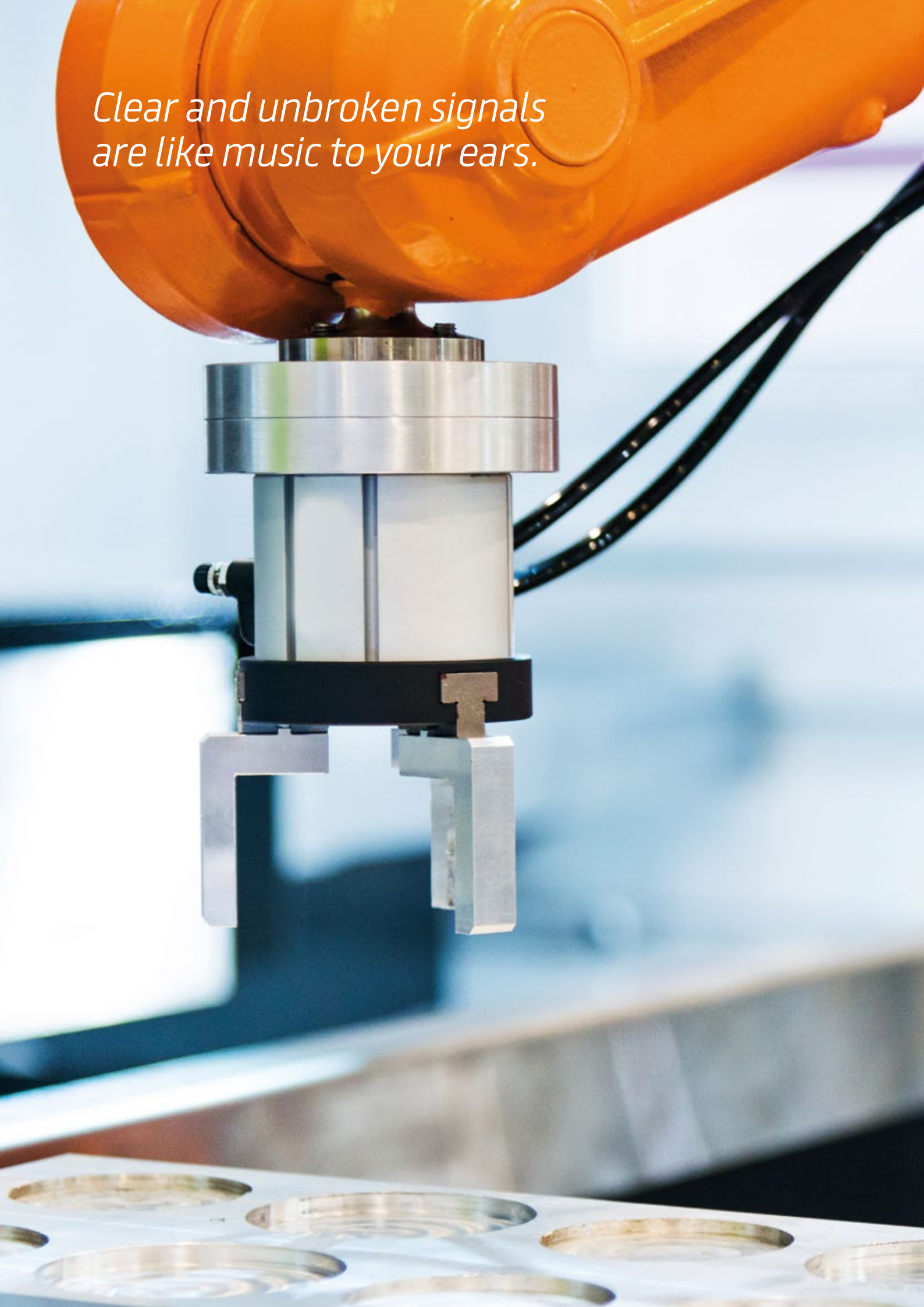
Our YSLY signal cables keep everything in tune.



**Prysmian**  
Group

Linking  
the Future

*Clear and unbroken signals  
are like music to your ears.*



# Our YSLY signal cables keep everything in tune.

In today's fast paced and highly technical society, it's becoming more and more vital that static and mobile devices in industries, electric plants and offices keep the beat at all times. That's why you should place our lightweight and flexible YSLY signal cables in the centre to conduct the tempo. To keep pace with the environment too, we've started to, and will progressively continue to, produce more of our cables Eco-friendlier.

## YSLY 300/500 V

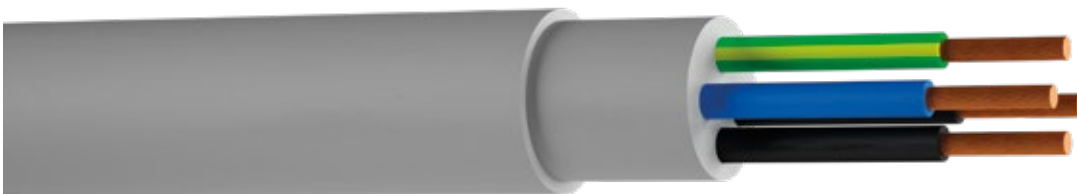
Multicore, PVC insulated, control cables.

### Application

Indoor application, domestic appliances, fixed installation in conduits, laying in trench or in cable ducts.

## MAIN FEATURES

- ✓ VDE approved
- ✓ Flexible and lightweight for easy installation
- ✓ Resistant to medium mechanical stress
- ✓ Developed for industrial and electric plants as well as offices



## World leading solutions that don't cost the Earth

Being the largest cable manufacturer in the world, we realise and embrace our responsibility towards the environment. One concrete measure is to make our production more sustainable. Some of our YSLY cables are already part of a new innovative technique using more sustainable materials – without tampering on quality. This is just one step towards getting in pace with Nature. It will be followed by many more.





YSLY 300/500 V	
<b>Global data</b>	
Type designation	YSLY
Standard	PRDS 01/2010 internal specification based on EN 50525-2-51 standard
Flame retardancy	EN 60332-1
<b>Construction characteristics</b>	
Conductor	Bare copper, fine wire stranded acc. to IEC 60228 Class 5
Insulation	TI2 spec.
Outer sheath	TM2 spec.
Available colours	Grey
Marking	YSLY-J 5 x 2.5 300/500 V
<b>Mechanical characteristics</b>	
Min. bending radius	15 x D
<b>Electrical parameters</b>	
Rated voltage	300/500 V
Test voltage (AC)	2.5 kV
<b>Chemical parameters</b>	
Humidity	3K6 acc. to IEC 60721-3-3
Lead free	Yes
<b>Thermal parameters</b>	
Max. operating temperature of conductor	80 °C
Max. operating temperature of conductor at short-circuit	-40 °C
Min. installation temperature fixed installation	-5 °C
Min. installation temperature flexible installation	-5 °C

Please check our homepage: [www.prysmiangroup.hu](http://www.prysmiangroup.hu) for more details.



YSLY 300/500 V				
Number of cores x cross section	Outer diameter max. mm	Weight (approx.) kg/km	Conductor DC resistance at 20 °C Ω/km	Delivery length m*
2x0.5	4.9	34	39	100/500/1000
2x0.75	5.3	42	26	100/500/1000
2x1	5.6	49	19.5	100/500/1000
2x1.5	6.4	66	13.3	100/500/1000
2x2.5	7.8	102	7.98	100/500/1000
3x0.5	5.2	41	39	100/500/1000
3x0.75	5.6	51	26	100/500/1000
3x1	5.9	60	19.5	100/500/1000
3x1.5	6.8	82	13.3	100/500/1000
3x2.5	8.3	128	7.98	100/500/1000
3x4	9.8	188	4.95	100/500/1000
3x6	11.9	279	3.3	100/500/1000
4x0.5	5.6	49	39	100/500/1000
4x0.75	6.3	65	26	100/500/1000
4x1	6.6	76	19.5	100/500/1000
4x1.5	7.4	101	13.3	100/500/1000
4x2.5	9.2	161	7.98	100/500/1000
4x4	11	242	4.95	100/500/1000
4x6	13	349	3.3	100/500/1000
4x10	16.4	577	1.91	100/500/1000
4x16	20	875	1.21	100/500/1000
4x25	24.9	1363	0.78	100/500/1000
4x35	28.4	1828	0.554	100/500/1000
4x50	34	2606	0.386	100/500/1000
5x0.5	6.3	63	39	100/500/1000
5x0.75	6.9	80	26	100/500/1000
5x1	7.3	95	19.5	100/500/1000
5x1.5	8.3	128	13.3	100/500/1000
5x2.5	10.1	199	7.98	100/500/1000
5x4	12.3	303	4.95	100/500/1000
5x6	14.5	435	3.3	100/500/1000
5x10	18.3	719	1.91	100/500/1000
5x16	22.6	1105	1.21	100/500/1000
5x25	27.7	1692	0.78	100/500/1000
5x35	31.7	2277	0.554	100/500/1000
5x50	38.3	3276	0.386	100/500/1000
7x0.5	6.9	78	39	100/500/1000
7x0.75	7.5	100	26	100/500/1000
7x1	8.1	122	19.5	100/500/1000
7x1.5	9.2	165	13.3	100/500/1000
7x2.5	11.2	257	7.98	100/500/1000
7x4	13.6	391	4.95	100/500/1000
7x6	16.2	570	3.3	100/500/1000
7x10	20.2	933	1.91	100/500/1000
7x16	24.8	1427	1.21	100/500/1000

YSLY 300/500 V				
Number of cores x cross section	Outer diameter max. mm	Weight (approx.) kg/km	Conductor DC resistance at 20 °C Ω/km	Delivery length m*
10x0.5	8.5	106	39	100/500/1000
10x0.75	9.5	140	26	100/500/1000
10x1	10.1	169	19.5	100/500/1000
10x1.5	11.2	221	13.3	100/500/1000
10x2.5	14.5	369	7.98	100/500/1000
12x0.5	8.8	121	39	100/500/1000
12x0.75	9.8	161	26	100/500/1000
12x1	10.4	195	19.5	100/500/1000
12x1.5	12	267	13.3	100/500/1000
12x2.5	14.9	428	7.98	100/500/1000
18x0.5	11	194	39	100/500/1000
18x0.75	12.2	255	26	100/500/1000
18x1	12.9	304	19.5	100/500/1000
18x1.5	14.6	409	13.3	100/500/1000
18x2.5	18.2	654	7.98	100/500/1000
25x0.5	12.9	251	39	100/500/1000
25x0.75	14.3	331	26	100/500/1000
25x1	15.3	402	19.5	100/500/1000
25x1.5	17.4	545	13.3	100/500/1000
25x2.5	21.6	866	7.98	100/500/1000
34x0.5	14.9	341	39	100/500/1000
34x0.75	17.9	554	26	100/500/1000
34x1	16.7	456	19.5	100/500/1000
34x1.5	20.2	745	13.3	100/500/1000
34x2.5	25	1181	7.98	100/500/1000
50x0.5	17.9	491	39	100/500/1000
50x0.75	19.8	645	26	100/500/1000
50x1	21.2	785	19.5	100/500/1000
50x1.5	24.2	1072	13.3	100/500/1000
50x2.5	30	1704	7.98	100/500/1000

\* Delivery lengths can be 100, 500 and 1000 m, but coil is not recommended for a diameter over 18–20 mm.

For quotations don't hesitate to contact our sales team.

### PRYSMIAN GROUP

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