

*Thermo Speed Edition*

2012

# Express Catalogue for

**UTECO**



Special cables department

UTECO

[www.uteco.mk](http://www.uteco.mk)



# Special Cables



## Express catalogue special cables 2012

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Dear Customers,

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You will find below a standardized list of special cables from us, which are always in stock at our warehouse, capable of solving the immediate need of the most demanding applications.

The catalogue includes code, type, basic technical description and a photo for visual recognition of our product.

This is a indicative list. Cables with different numbers of cores or pairs, different sections (mm<sup>2</sup>), insulation or color codes (standard), etc. are also available.

If your requests are not covered by this list, please contact us.

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## Express catalogue special cables 2012

### Instrumentation & Bus Cables

**Code:** 1-52-50-01-00-5  
**Type:** RE-2Y(St)Y-fl 300 V 2x2x1,0 mm<sup>2</sup> Black  
**Insulation:** PVC/OS/PVC  
**Resistance to temperature:** up to 70°C  
**External diameter:** 8,2 mm



**Code:** 1-52-50-02-00-9  
**Type:** RE-Y(St)YSWAY-fl 300V 2X2X1,0 mm<sup>2</sup> Grey  
**Insulation:** PVC/OS/PVC/SWA/PVC  
**Resistance to temperature:** up to 70°C  
**External diameter:** 15,00 mm



**Code:** 1-52-50-06-01-1  
**Type:** RE-Yw(St)YwSWAYw-fl 300V 1X2X1,5 mm<sup>2</sup>  
**Insulation:** PVC/OS/PVC/SWA/PVC  
**Resistance to temperature:** up to 105°C  
**External diameter:** 12,4 mm



**Code:** 1-51-50-02-00-0  
**Type:** RE-2Y(ST)Y-PIMF 2x2x0,5 mm<sup>2</sup> Blue  
**Insulation:** PVC/OS/IS/PVC  
**Resistance to temperature:** up to 70°C  
**External diameter:** 11,2 mm



**Code:** 1-51-50-08-02-6  
**Type:** RE-2G(St)HSWAY-fl CI 500V 5x2x0,75 mm<sup>2</sup>  
**Insulation:** Silicon Rubber/OS/LSZH/SWA/PVC  
**Resistance to temperature:** up to 90°C  
**External diameter:** 18,1 mm  
**Standard:** IEC 60331 Fire Resisting (CI)



**Code:** 1-51-50-06-00-0  
**Type:** PROFIBUS FMS/DP 1x2xAWG 22/1  
**Conductor:** solid conductors  
**Resistance to temperature:** up to 70°C  
**External diameter:** 7,9 mm



**Code:** 1-00-50-06-00-1  
**Type:** Profibus L2 7-wire 1x2x0,64  
**Conductor:** 7 strand  
**Resistance to temperature:** up to 70°C  
**External diameter:** 7,3 mm



**Code:** 1-98-50-21-00-9  
**Type:** CC-LINK BU 3x0,5 (AWG20/7)  
**Conductor:** 7 strand  
**Resistance to temperature:** up to 70°C  
**External diameter:** 7,9 mm



## Express catalogue special cables 2012

### Data & Control Cables

**Code:** 1-50-50-09-51-0  
**Type:** OZ-J 4X1,5 mm<sup>2</sup>  
**Insulation:** PVC - PVC  
**Resistance to temperature:** up to 70°C  
**External diameter:** 7,1 mm



**Code:** 1-50-50-15-98-4  
**Type:** LIYCY 7X1,0 mm<sup>2</sup>  
**Insulation:** PVC - Braid - PVC  
**Resistance to temperature:** up to 70°C  
**External diameter:** 7,9 mm



**Code:** 1-50-50-13-15-0  
**Type:** OZCuY-J 7X1,0 mm<sup>2</sup>  
**Insulation:** PVC - PVC - Braid - PVC  
**Resistance to temperature:** up to 70°C  
**External diameter:** 11,6mm



**Code:** 1-50-50-17-09-0  
**Type:** NYMH11YO-J (YPUR) 3X1,5 mm<sup>2</sup>  
**Insulation:** Polyurethane - Polyurethane  
**Resistance to temperature:** up to 70°C  
**External diameter:** 7,9 mm  
**Very good chemical resistance**



**Code:** 1-50-50-18-12-0  
**Type:** S 200 3x0,75  
**Insulation:** TPE-E - PUR  
**Resistance to temperature:** up to 70°C  
**External diameter:** 7,9 mm  
**Very good chemical resistance**  
**Highly flexible for continues bending motions**



**Code:** 1-50-50-22-05-0  
**Type:** S 90 C 4x1,5 mm<sup>2</sup>  
**Insulation:** PVC - braid - PUR  
**Resistance to temperature:** up to 70°C  
**External diameter:** 11,8 mm  
**Very good chemical resistance**  
**Highly flexible for continues bending motions + braid**



**Code:** 1-50-50-22-01-0  
**Type:** ZKBi 1,0 mm<sup>2</sup> Y.T. 20 KV  
**Insulation:** Silicone - Fiber glass- Silicone  
**Resistance to temperature:** up to 180°C  
**External diameter:** 8,0 mm  
**20 KV High Voltage cable**



## Express catalogue special cables 2012

### Compensating & extension cables

**Code:** 1-50-50-23-01-0

**Type:** AN 11 LR 2X1,5 mm<sup>2</sup>

**For thermocouple :** Type K NiCr-Ni

**Color code:** Acc to IEC 584

**Insulation:** Silicone – Fiberglass-Braid

**Resistance to temperature:** up to 180°C

**External diameter:** 6,2 mm



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**Code:** 1-50-50-23-02-0

**Type:** AN 11-4LR 4x1,50

**For thermocouple:** Type K NiCr-Ni

**Color code:** Acc to IEC 584

**Insulation:** Silicone – Silicone - Braid

**Resistance to temperature:** up to 180°C

**External diameter:** 9,3 mm



**Code:** 1-00-50-23-03-4

**Type:** 2X1,3 mm<sup>2</sup> PVC-PVC (flat)

**For thermocouple:** Type K NiCr-Ni

**Color code:** Acc to DIN 43710

**Insulation :** PVC - PVC

**Resistance to temperature :** up to 70°C

**External diameter :** 6,7 mm



**Code:** 1-00-50-23-08-0

**Type:** 2X0,22 mm PVC-PVC (Round)

**For thermocouple:** Type K NiCr-Ni

**Color code:** Acc to IEC 584

**Insulation:** PVC - PVC

**Resistance to temperature:** up to 70°C

**External diameter:** 4,0 mm



**Code:** 1-00-50-25-01-0

**Type:** JX 2X0,5 Fiber-Fiber-Braid

**For thermocouple:** Type J Fe-CuNi

**Color code:** Acc to IEC 584

**Insulation:** Fiber – Fiber - Braid

**Resistance to temperature:** up to 400°C

**External diameter:** 4,0 mm



**Code:** 1-83-50-23-09-0

**Type:** G/G-24-KK (G3 NICR-NI) 2x0,5

**For thermocouple:** Type K NiCr-Ni

**Color code:** Acc to ANSI MC 96.1

**Insulation:** Fiber - Fiber

**Resistance to temperature:** up to 400°C

**External diameter:** 2,0 mm



**Code:** 1-00-50-03-04-6

**Type:** RT-Y(St)YSWAY-fl 1x2x1,29 mm NiCr-Ni

**For thermocouple:** Type K NiCr-Ni

**Color code:** Acc to ANSI MC 96.1

**Insulation:** PVC–Aluminum foil -Steel Wire Armor-PVC

**Resistance to temperature :** up to 70°C

**External diameter:** 13,1mm



**Code:** 1-00-50-24-04-0

**Type:** SX PVC-SCH-PVC 16x2x0,50 mm<sup>2</sup>

**For thermocouple:** Type S PtRh10-Pt

**Color code:** Acc to DIN 43710

**Insulation:** PVC – Aluminum foil - PVC

**Resistance to temperature :** up to 70°C

**External diameter :** 19,2 mm



## Express catalogue special cables 2012

### High Temperature Cables

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**Code:** 1-52-50-02-13-1  
**Type:** SIHF-GLS(GLP) 3X1,5 mm<sup>2</sup>  
**Insulation:** Silicone-Silicone-Fiberglassç-Braid  
**Resistance to temperature:** up to 180°C  
**External diameter:** 8,9 mm  
**Form:** Round



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**Code:** 1-00-50-02-13-0  
**Type:** PFA-SS-PFA 3X1,5 mm<sup>2</sup>  
**Insulation:** Teflon-Braid-Teflon  
**Resistance to temperature:** up to 260°C  
**External diameter:** 6,0 mm  
**Form:** Round



**Code:** 1-98-50-02-13-7  
**Type:** Teflon- Fiber-Braid 3XAWG16  
**Insulation:** Teflon- Fiberglass-Braid  
**Resistance to temperature:** up to 260°C  
**External diameter:** 5,0 mm  
**Form:** Round



**Code:** 1-00-50-00-00-0  
**Type:** VIBRA RV 1.00 STV02 2X1,0 mm  
**Insulation:** Vibraflame – Braid- Vibraflame  
**Resistance to temperature:** -196°C ...+1565°C  
**External diameter:** 7,0 mm  
**Form:** Round



**Code:** 1-00-50-00-00-5  
**Type:** PT100 3X0,5 FIBER-FIBER-BRAID  
**Insulation:** Fiber – Fiber - Braid  
**Resistance to temperature:** up to 400°C  
**External diameter:** 3,0 mm  
**Form:** Round



**Code:** 1-00-50-02-14-1  
**Type:** Hyflon-Silicon 4X0,22 mm<sup>2</sup>  
**Insulation:** Hyflon - Silicone  
**Resistance to temperature:** up to 180°C  
**External diameter:** 4,3 mm  
**Form:** Round



**Code:** 1-20-50-00-00-4  
**Type:** 62849 4X0,14mm<sup>2</sup>  
**Insulation:** Teflon – Braid - Teflon  
**Resistance to temperature :** up to 260°C  
**External diameter:** 3,5 mm  
**Form:** Round













































# Special Cables



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## International Color Code for Compensating & Extension Cables

	 ANSI	 DIN	 IEC/CEI	 BS	 NF
JX					
KX					
TX					
NX					
EX					
WX					
VX					
SX/RX					



### Ordering Form

**Company Name**

**Contact Name**

**Company Address**

**City**

**Area**

**Country**

**Company Phone**

**Company Fax**

**Product Code**

**Length**

**Other Characteristics**

Signature