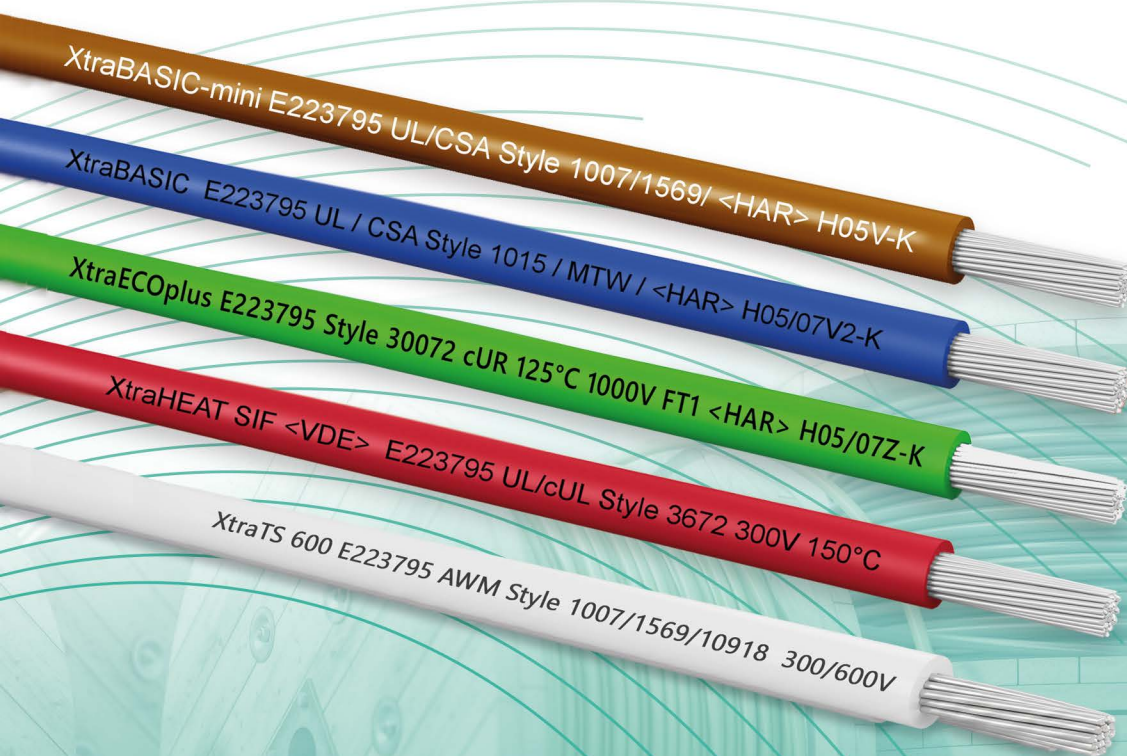




SINGLE WIRES **XTRA PRODUCTS**



Your
X-clusive
Benefits

Our own unique brand!
By combining several styles in a single cable

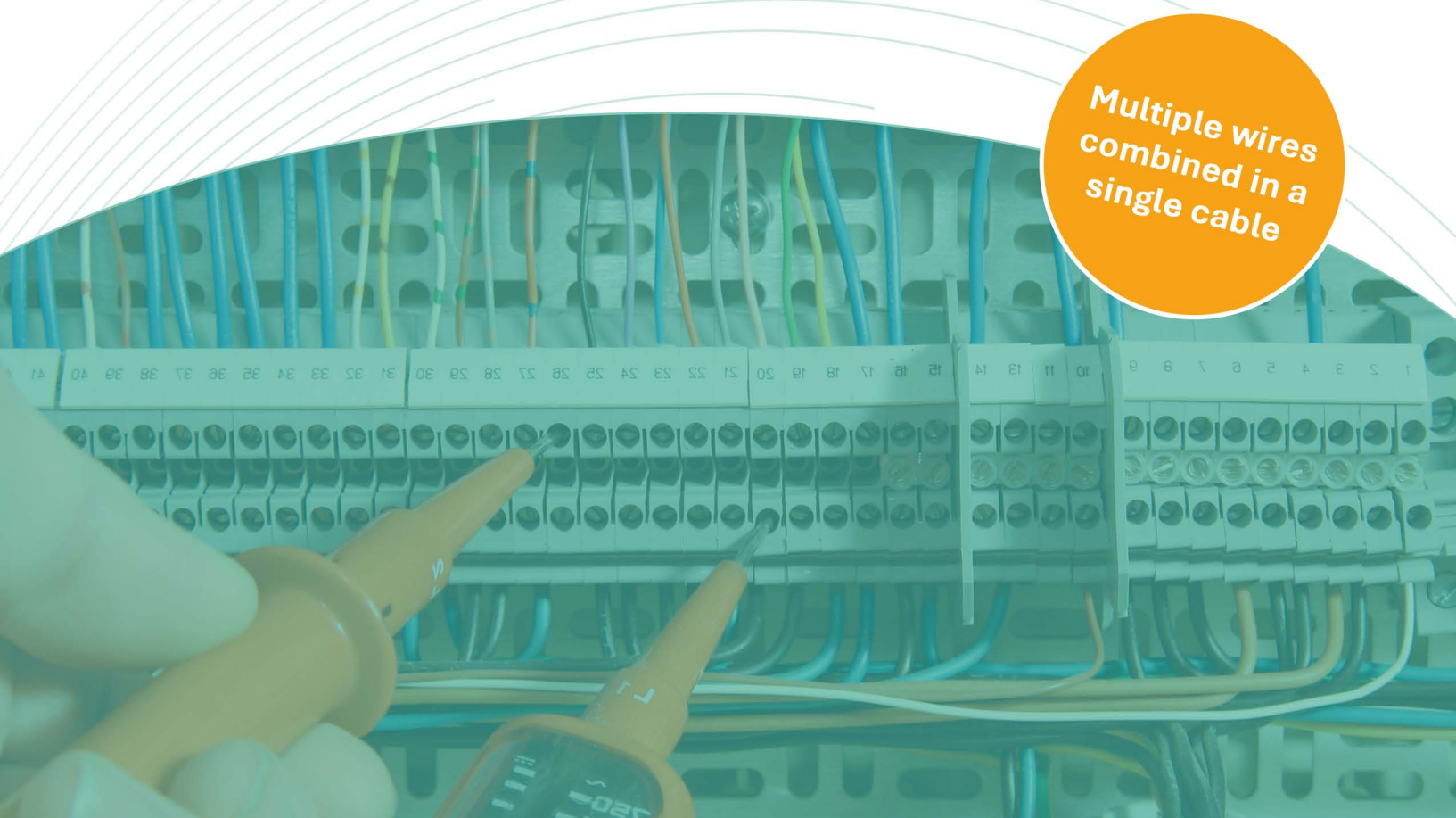
SINGLE WIRES XTRA PRODUCTS

Approved multi-standard hook-up wires and extra styles for efficient wiring in a wide range of applications – tailored to your requirements

Thanks to our **expertise in innovation**, we offer first-class wiring cables for a wide range of applications through our own Xtra brand. Our cables **combine the properties of several different cables into a single one**, thereby meeting a range of requirements that would normally necessitate the use of several individual cables. This results in **lower costs** and **higher productivity** for you. Thanks to our Xtra products, you avoid having to purchase additional cables and benefit from **space-saving** and **energy-efficient processes**. The areas of application include **export-oriented plant and machinery engineering, automation technology, the internal wiring of control cabinets and equipment, custom-built units, as well as domestic appliances with high temperature requirements**. Thanks to our professional advice, backed by **decades of know-how**, we will find the perfect Xtra product to meet your requirements, thereby ensuring maximum efficiency.

Special features of some of our cables include:

- >> flame-retardant
- >> halogen-free
- >> highly robust insulation made from XLEVA material
- >> ozone-resistant
- >> heat-resistant up to +180 °C
- >> UL/CSA & harmonisation (+125 °C/+90 °C)



Multiple wires
combined in a
single cable

XtraTS 600

UL/cUL style 1007/1569/10918



CONSTRUCTION

Conductor:
tin-plated copper
acc. to EN13602
Core insulation:
UL - PVC 105 °C

TECHNICAL DATA

Test voltage:
2000 V
Operating voltage UL:
Style 1007/1569: 300 V
Style 10918: 600 V
Temperature range static:
-30 to +105 °C
Temperature range dynamic:
-10 to +105 °C
Extended temperature range static acc. to ISO 6722:
-40 °C

AWG-Number	Construction (max. mm)	Core diameter (mm)	Cu-Index (kg/km)	Article number
30	7 x 0,102	1,15	0,60	120307**
28	7 x 0,127	1,20	0,90	120287**
26	7 x 0,160	1,30	1,40	120267**
24	7 x 0,203	1,50	2,10	120247**
	19 x 0,127	1,50	2,40	120249**
22	7 x 0,254	1,65	3,30	120227**
	19 x 0,160	1,65	3,80	120229**
20	7 x 0,320	1,85	5,60	120207**
	18 x 0,203	1,90	5,60	120200**
18	19 x 0,254	2,20	9,60	120189**
	28 x 0,200	2,15	8,50	120180**
16	19 x 0,300	2,40	13,50	120169**
	41 x 0,203	2,50	13,50	120160**

** You can find the colour codes on our website: https://www.medikabel.de/en/technical-information/colourcodes_2

Our **XtraTS 600** is ideal for general-purpose use across a range of applications. It combines several types in a single cable and also offers a 600 V operating voltage whilst retaining the same dimensions as a 300 V cable. In addition to its **expanded operating voltage**, it also boasts good **flame retardance** and is **self-extinguishing**.



XtraBASIC

Style 1015/10269 UL/CSA/HAR H05/07V2-K/MTW



CONSTRUCTION

Conductor:
tin-plated copper
acc. to EN13602

Core insulation:
UL - PVC 105 °C

TECHNICAL DATA

Test voltage:
3000 V

Operating volt. Uo/U H05xx-K:
300/500 V

Operating volt. Uo/U H07xx-K:
450/750 V

Operating voltage UL:
600/1000 V

Temperature range dynamic:
-5 to +105 °C

Temperature range static:
-30 to +105 °C

Cross sectional area (mm ²)	Construction (max. mm)	Core diameter (mm)	Cu-Index (kg/km)	Article number
0,50	EN 60228; Cl. 5 - AWG 21	2,50	4,80	173050**
0,75	EN 60228; Cl. 5 - AWG 19	2,70	7,20	173075**
1,00	EN 60228; Cl. 5 - AWG 18	2,80	9,60	173100**
1,50	EN 60228; Cl. 5 - AWG 16	3,10	14,40	173150**
2,50	EN 60228; Cl. 5 - AWG 14	3,65	24,00	173250**
4,00	EN 60228; Cl. 5 - AWG 12	4,20	38,40	173400**
6,00	EN 60228; Cl. 5 - AWG 10	4,82	58,00	173600**

** You can find the colour codes on our website: https://www.medikabel.de/en/technical-information/colourcodes_2

Our **XtraBASIC** is the **industry standard for multi-standard cables**. This cable therefore provides you with a solid basis for a wide range of applications, covering all your BASIC requirements. Furthermore, our XtraBASIC is **flame-retardant, self-extinguishing and largely oil-resistant**.

XtraECOplus

HAR H05/07Z-K/UL/cUL wire style 30072



CONSTRUCTION

Conductor:
tin-plated copper
acc. to EN13602

Core insulation:
cross-linked elastomer XLEVA

TECHNICAL DATA

Test voltage HAR/UL:
2500 V AC / 3000 V AC

Operating volt. Uo/U H05Z-K:
300/500 V

Operating volt. Uo/U H07Z-K:
450/750 V

Operating volt. UL/CSA:
1000 V

Temperature range dynamic:
-25 to +125 °C

Temperature range static:
-50 to +125 °C

Cross sectional area (mm ²)	Construction (max. mm)	Core diameter (mm)	Cu-Index (kg/km)	Article number
0,50	EN 60228; Cl. 5 - AWG 21	2,10	4,80	1EC050**
0,75	EN 60228; Cl. 5 - AWG 19	2,30	7,20	1EC075**
1,00	EN 60228; Cl. 5 - AWG 18	2,50	9,60	1EC100**
1,50	EN 60228; Cl. 5 - AWG 16	2,90	14,40	1EC150**
2,50	EN 60228; Cl. 5 - AWG 14	3,60	24,00	1EC250**
4,00	EN 60228; Cl. 5 - AWG 12	4,20	38,40	1EC400**
6,00	EN 60228; Cl. 5 - AWG 10	4,80	58,00	1EC600**
10,00	EN 60228; Cl. 5 - AWG 8	6,10	96,00	1EC101**

** You can find the colour codes on our website: https://www.medikabel.de/en/technical-information/colourcodes_2

Our **XtraECOplus** is a true all-rounder. This cable combines technical excellence with outstanding properties. Thanks to its cross-linked core insulation, our XtraECOplus is **extremely robust and durable**. That is why it is also ideal, for example, for emergency lighting in tunnels. This cable is **temperature-resistant, oil-resistant, halogen-free and ozone-resistant**; it's got it all. It is also **flame-retardant** and has a **temperature resistance** of up to +145 °C with a service life of up to 3,000 hours. So you can rely on our XtraECOplus in any situation.

XtraHEAT

SIF / VDE - UL/cUL style 3672



CONSTRUCTION

Conductor:
tin-plated copper
acc. to EN13602
Core insulation:
Silicone 2G

TECHNICAL DATA

Test voltage:
2000 V
Operating voltage U₀/U:
300/300 V
Operating voltage UL:
300 V
Temperature range dynamic:
-40 to +180 °C VDE
-40 to +150 °C UL
Temperature range static:
-40 to +180 °C VDE
-40 to +150 °C UL

Cross sectional area (mm ²)	Construction (max. mm)	Core diameter (mm)	Cu-Index (kg/km)	Article number
0,50	EN 60228; Cl. 5 - AWG 21	2,10	4,80	113050**
0,75	EN 60228; Cl. 5 - AWG 19	2,40	7,20	113075**
1,00	EN 60228; Cl. 5 - AWG 18	2,50	9,60	113100**
1,50	EN 60228; Cl. 5 - AWG 16	3,00	14,40	113150**
2,50	EN 60228; Cl. 5 - AWG 14	3,60	24,00	113250**
4,00	EN 60228; Cl. 5 - AWG 12	4,20	38,40	113400**
6,00	EN 60228; Cl. 5 - AWG 10	5,00	58,00	113600**

** You can find the colour codes on our website: https://www.medikabel.de/en/technical-information/colourcodes_2

Our **XtraHEAT** can be used in a wide range of applications involving high heat generation. It withstands temperatures of **up to 180 °C** with ease. Additionally, our versatile XtraHEAT can even withstand **sub-zero temperatures down to -40 °C, and -50 °C for short periods**. It is also **halogen-free**.

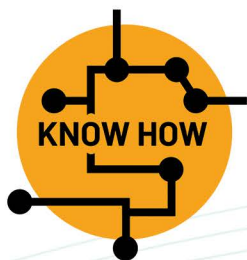


Our commitment does not stop at technical excellence. We also place great importance on reliability, durability and user-friendliness.

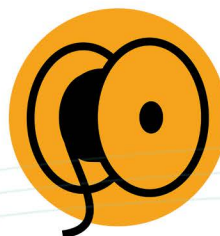
Don't hesitate to get in touch with us.



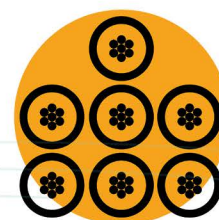
consulting &
development to
your standards



our own outstanding
brand thanks to our
years of experience



individual packaging
available



flexible and reliable
production and
logistics



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