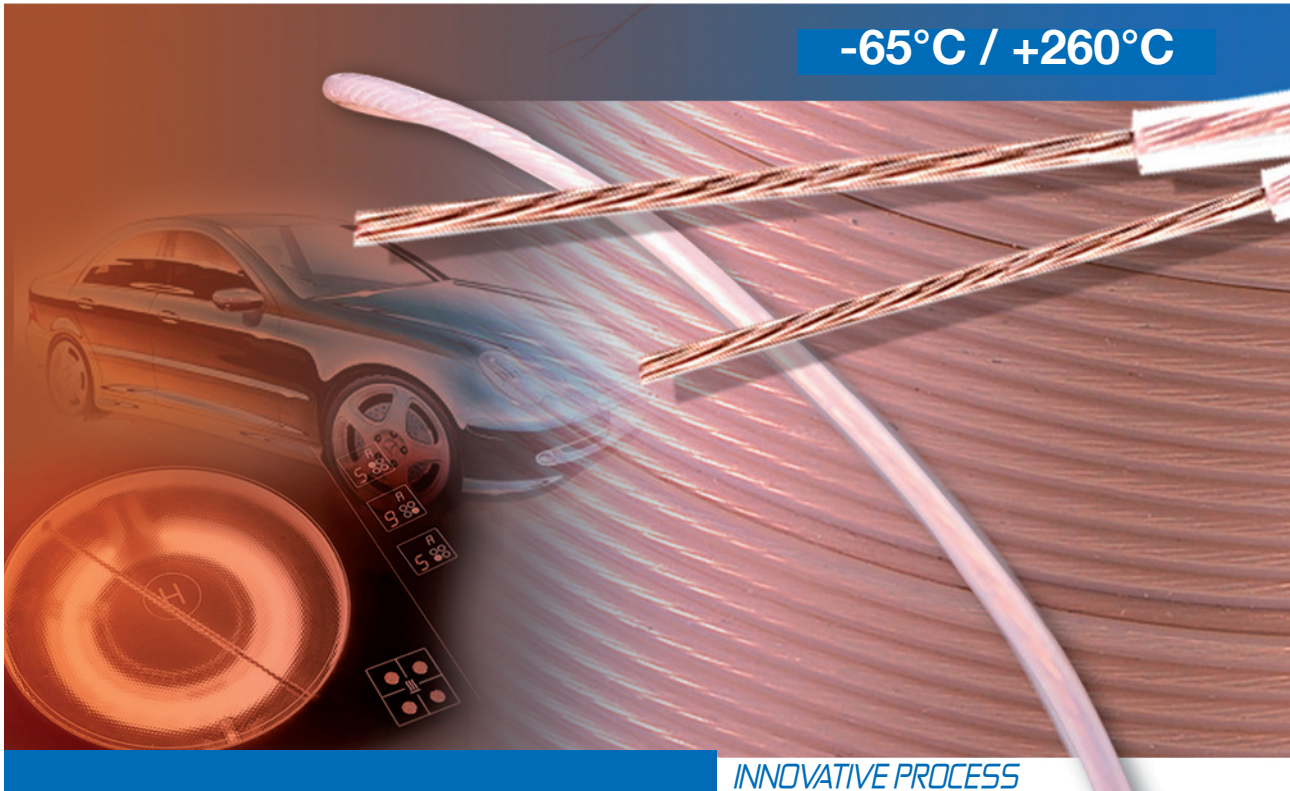


-65°C / +260°C



INNOVATIVE PROCESS

PTFE insulated bare copper wires

MAIN ADVANTAGES

- > Bare copper wire without any surface treatment.
- > Manufacture process avoids oxidation.

PTFE advantages

- > Self extinguishing, does not melt, resistant to soldering iron at 350°C.
- > Excellent resistance to most toxic and corrosive chemical attacks.
- > Abrasion resistant and very low coefficient of friction.
- > Excellent resistance to humidity and ultraviolet.
- > Very thin insulation thickness compared to silicone wires.

GENERAL CHARACTERISTICS

- > Conductor : annealed copper.
- > Insulation : extruded PTFE.
- > Temperature rating : -65/+260°C.
- > Operating voltage : 250 to 1000 V AC
- > According to NEMA standard, HP3 publication (product performances and dimensions).

APPLICATIONS

- > Electrical appliances (oven, cooker, boiler burner, piezo electric system).
- > Automotive (engine sensors, ignition circuit).
- > Any other applications in aggressive environments (chemical atmospheres, very high or cold temperatures).

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CABLE & INTERCONNECT

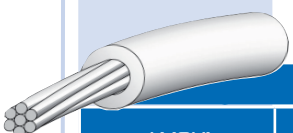
PTFE insulated bare copper wires

SPECIFICATIONS



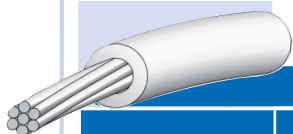
Wire max voltage : 250 V AC

AXON' REFERENCE	AWG	CONDUCTOR		NOMINAL RESISTANCE ohms/ 100 m	INSULATED WIRE NOMINAL Ø mm	APPROX. WEIGHT g/m
		CONSTRUCTION Nb x Ø mm	NOMINAL AREA (mm²)			
ET 3201 BARE CU	32	1 x 0.203	0.032	56	0.50	0.75
ET 3001 BARE CU	30	1 x 0.254	0.051	36	0.56	0.90
ET 3007 BARE CU	30	7 x 0.102	0.057	32	0.62	1.10
ET 2801 BARE CU	28	1 x 0.320	0.080	23	0.65	1.30
ET 2807 BARE CU	28	7 x 0.381	0.089	21	0.70	1.50
ET 2601 BARE CU	26	1 x 0.403	0.13	14	0.72	1.80
ET 2607 BARE CU	26	7 x 0.160	0.14	14	0.80	2.40
ET 2401 BARE CU	24	1 x 0.51	0.20	9	0.83	2.60
ET 2407 BARE CU	24	7 x 0.203	0.23	8	0.93	3.00
ET 2207 BARE CU	22	7 x 0.254	0.35	5.5	1.10	4.40
ET 2007 BARE CU	20	7 x 0.320	0.56	3.5	1.25	6.30



Wire max voltage : 600 V AC

AXON' REFERENCE	AWG	CONDUCTOR		NOMINAL RESISTANCE ohms/ 100 m	INSULATED WIRE NOMINAL Ø mm	APPROX. WEIGHT g/m
		CONSTRUCTION Nb x Ø mm	NOMINAL AREA (mm²)			
E 3201 BARE CU	32	1 x 0.203	0.032	56	0.70	1.10
E 3001 BARE CU	30	1 x 0.254	0.051	36	0.76	1.35
E 3007 BARE CU	30	7 x 0.102	0.057	32	0.80	2.10
E 2801 BARE CU	28	1 x 0.320	0.080	23	0.82	2
E 2807 BARE CU	28	7 x 0.381	0.089	21	0.90	2
E 2601 BARE CU	26	1 x 0.403	0.13	14	0.90	2.65
E 2607 BARE CU	26	7 x 0.160	0.14	14	1.0	2.7
E 2401 BARE CU	24	1 x 0.51	0.20	9	1.05	3.3
E 2407 BARE CU	24	7 x 0.203	0.23	8	1.10	3.6
E 2207 BARE CU	22	7 x 0.254	0.35	5.5	1.25	5



Wire max voltage : 1000 V AC

AXON' REFERENCE	AWG	CONDUCTOR		NOMINAL RESISTANCE ohms/ 100 m	INSULATED WIRE NOMINAL Ø mm	APPROX. WEIGHT g/m
		CONSTRUCTION Nb x Ø mm	NOMINAL AREA (mm²)			
EE 3201 BARE CU	32	1 x 0.203	0.032	56	0.96	1.8
EE 3001 BARE CU	30	1 x 0.254	0.051	36	1.0	2.05
EE 3007 BARE CU	30	7 x 0.102	0.057	32	1.05	2.3
EE 2801 BARE CU	28	1 x 0.320	0.080	23	1.10	2.50
EE 2807 BARE CU	28	7 x 0.381	0.089	21	1.10	2.70
EE 2601 BARE CU	26	1 x 0.403	0.13	14	1.15	3.15
EE 2607 BARE CU	26	7 x 0.160	0.14	14	1.25	3.60
EE 2401 BARE CU	24	1 x 0.51	0.20	9	1.25	4.15
EE 2407 BARE CU	24	7 x 0.203	0.23	8	1.35	4.60
EE 2207 BARE CU	22	7 x 0.254	0.35	5.5	1.50	6.20

Available colors : black, brown, red, green, yellow, blue, purple, white, orange, grey.

Bi-coloured versions are available. Other constructions, colors or helicoidal stripes on request. Marking on request.

For any custom-designed request, do not hesitate to contact us.