
ELETTRO
BRESCIA®
QUALITY CABLES

RUBBER

	NOMINAL SECTION mm	WORKING VOLTAGE V	WORKING TEMPERATURE °C	INSULATE MATERIAL
H07RN-F	2X1,00 ÷ 5G6,00	450/750	-25 +60	Rubber insulated under heavy polychloroprene or other equivalent syntetich sheath
H07RN8-F	**2x1,00 ÷ 5G6,00**	**450/750**	**-25 +60**	**Rubber insulated under heavy polychloroprene or other equivalent syntetich sheath**
H05RR-F	2x0,75 ÷ 4G6,00	300/500	-25 +60	Rubber insulated under mean rubber sheath
H05RN-F	**2X0,75 ÷ 4G1,00**	**300/500**	**-25 +60**	**Rubber insulated under heavy polychloroprene or other equivalent syntetich sheath**
H03RN-F	0,50 ÷ 0,75	300/500	-25 +60	Polychloroprene or other synthetic sheath
H05RN-F	**0,75 ÷ 1,50**	**300/500**	**-25 +60**	**Polychloroprene or other synthetic sheath**
H05BB-F	2X0,75 ÷ 4G6,00	300/500	-40 +90	Rubber insulated under mean rubber sheath
H05BN4-F	**2X0,75 ÷ 3G1,00**	**300/500**	**-25 +90**	**Rubber insulated under heavy polychloroprene or other equivalent syntetich sheath**
H05GG-F	2X0,75 ÷ 5G2,50	300/500	-5 +110	Rubber insulated under mean rubber sheath
LEV 160	**0,35 ÷ 10**	**300/500 450/750**	**-30 +155**	**Halogen free compound with vinyl acetate**

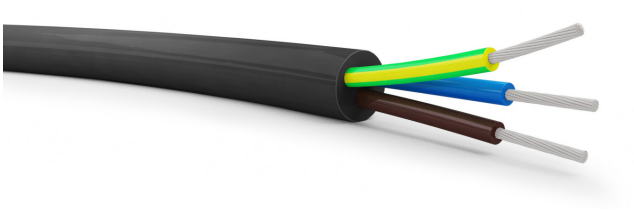
PVC

	NOMINAL SECTION mm	WORKING VOLTAGE V	WORKING TEMPERATURE °C	INSULATE MATERIAL
H05V-K H07V-K	0,50 ÷ 240	300/500 450/750	+5 +70	70°C PVC
H05V-U H07V-U	0,50 ÷ 2,5	300/500 450/750	+5 +70	70°C PVC
H05V2-K H07V2-K	0,50 ÷ 35	300/500 450/750	+5 +90	90°C PVC
H05V2-U H07V2-U	0,50 ÷ 2,5	300/500 450/750	+5 +90	90°C PVC
H03VV-F H05VV-F	ALL SIZES	300/300 300/500	+5 +60	70°C PVC
H03V2V2-F H05V2V2-F	ALL SIZES	300/300 300/500	+5 +90	90°C PVC
H03VVH2-F H03V2V2H2-F H05VVH2-F H05V2V2H2-F	2X0,50 ÷ 2X1,00	H03:300/300 H05:300/500	+5 +90	VVH2-F:70°C PVC V2V2H2-F: 90°C
T3 125°C	ALL SIZES	220 V c.a. 300 V c.c.	-40 +125	T3 FIAT
FASE 3	0,35 ÷ 120	220 V. c.a. 300 V. c.c.	-25 +105	PVC FIAT T2 91107/18 DIN 72X551 - ISO6722
UL1007-1015-1569	ALL SIZE	1007: 300 1015: 600 1569: 300	1007:+70 1015:+105 1569:+105	PVC

SILICONE

	NOMINAL SECTION mm	WORKING VOLTAGE V	WORKING TEMPERATURE °C	INSULATE MATERIAL
H03/5S-K	ALL SIZES	300/300 300/500	-60 +180	Silicone rubber
N2GFAF (N)2GFAF N2GFA (N)2GFA	**ALL SIZES**	**300/300**	**-60 +180**	**Silicone rubber**
HV 0,6/1 KV	0,50 ÷ 2,5	600/1000	-60 +180	Silicone EI2 rubber
EN 50143/B	**1,0**	**5/10 KV**	**-60 +180**	**Silicone EI2 rubber**
GS SIAF	0,35 ÷ 240	300/500	-60 +180	Silicone rubber
GS/THT SIAF/THT	**0,35 ÷ 240**	**300/500**	**-60 +250**	**Silicone THT rubber**
GSV SIAF/GL	0,35 ÷ 240	300/500	-60 +180	Silicone rubber fiberglass braid
SIAF/POL	**0,35 ÷ 240**	**300/500**	**-60 +180**	**Silicone rubber Polyester braid**
SIHF	ALL SIZES	300/500	-60 +180	Silicone rubber
SIHF/P	**ALL SIZES**	**300/500**	**-60 +180**	**Silicone rubber with steel braid**

SILICONE

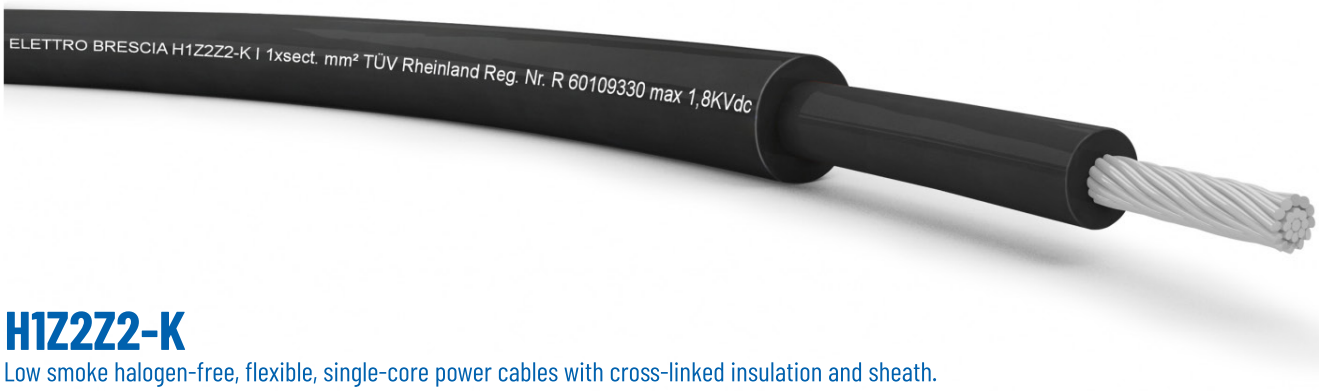


	NOMINAL SECTION mm	WORKING VOLTAGE V	WORKING TEMPERATURE °C	INSULATE MATERIAL
SIHF/GLP CE	ALL SIZES	300/500	-60 +180	Silicone rubber with fibreglass and steel braid
SIHF/S SIHF/S/SI CE	**ALL SIZES**	**300/500**	**-60 +180**	**Silicone rubber with screened with copper under the sheath or between the double sheath**
SIHF/PVC CE	ALL SIZES	300/500	-60 +180	Silicone rubber with PVC sheath
EWKF CE	**ALL SIZES**	**300/500**	**-60 +180**	**Tear resistant silicone rubber**
CABLES UL STYLES 3132 - 3135	ALL SIZES	3132:300 3135:600	3132:+150 3135:+200	Silicone rubber

WELDING MACHINE

	NOMINAL SECTION mm	WORKING VOLTAGE V	WORKING TEMPERATURE °C	INSULATE MATERIAL
ELFLEX CE	10 ÷ 120	100/100	+5 +70	PVC insulated for welding machines
DUALFLEX CE	**10 ÷ 120**	**100/100**	**+5 +70**	**PVC insulated for welding machines with double sheath**
H01N2-D GUMMIFLEX HAR CE	10 ÷ 120	100/100	-20 +85	Rubber insulated for welding machines

SOLAR CABLES



H1Z2Z2-K

Low smoke halogen-free, flexible, single-core power cables with cross-linked insulation and sheath.

TECHNICAL DATA

Nominal voltage	1,0/1,0 kVca - 1,5 kVdc
Applications/Usage conditions	The single core H1Z2Z2-K cable represents a right solution to link the solar cellars between them or to wire with frequency converters and terminal boards. The H1Z2Z2-K cable guarantees good resistance to UV-rays and various weather conditions. The wide working temperature range allows the use also in extreme conditions, avoiding deterioration caused by heat and permitting a right use of the fotovoltaic panel in every season.
Conductor	Flexible tinned copper
Insulation type	Compound conforming to EN 50618
Sheath type	Compound conforming to EN 50618
Sheath colour	Black, blue, red
Operating temperatures	-40°C | +90°C
Short circuit temperature	Max 250°C 5 sec
Test voltage	6500 Vac - 15000 Vdc
Cable markings	ELETTRO BRESCIA H1Z2Z2-K (I/II)* 1xsect. mm2 TÜV Rheinland Reg. Nr. R (60109330/60108022)* Dca-s2, d2, a1 max 1,8Kvdc
Minimum bending radius	4 times the cable diameter far fixed and mobile laying.
Notes	* Markings depending on raw materials. 16 mm2 version only for H1Z2Z2-K I.

STANDARD REFERENCE

Main standard	EN 50618
UV Resistance	EN 50618
Conductor	EN 60228; IEC 60228
Self-Extinguishing	EN 60332-1-2; IEC 60332-1-2
Ozone resistance	EN 50396 8.1.3

CERTIFICATIONS

DIMENSIONS

Cross section	Wires max diameter	Conductor diameter	Core thickness	Core diameter	Sheath thickness	Medium outer diameter	Eletrical resistance at 20°C	Cable approx. weight	Cu factor
(Nxmm2)	(mm)	(mm)	(mm)	(mm) ± 0,1	(mm)	(mm) ± 0,2	(Ω/km)	(kg/km)	(kg/km)
1x2,50	0,250	N/A	0,75	3,50	0,80	5,1	8,2100	47,00	24,00
1x4,00	0,300	N/A	0,72	3,80	0,80	5,4	5,0900	58,00	38,40
1x6,00	0,300	N/A	0,74	4,40	0,80	6,0	3,3900	78,00	57,60
1x10,00	0,400	N/A	0,73	5,40	0,80	7,0	1,9500	125,00	96,00
1x16,00	0,400	N/A	0,75	6,40	0,90	8,2	1,2400	184,00	153,60

SPECIAL CABLES

CABLES FOR POTABLE WATER - AQUAFLEX

NOMINAL SECTION mm	WORKING VOLTAGE V	WORKING TEMPERATURE °C	INSULATE MATERIAL
ALL SIZES	450/750	-25 +90	THERMOPLASTIC

CERTIFICATIONS

Elettro Brescia, è stata fondata nel 1983 e in questi anni è diventata un'azienda dinamica e tecnologicamente avanzata che oggi detiene la sua posizione di successo tra i migliori produttori di cavi elettrici.

La nostra azienda, armoniosamente inserita nella splendida campagna della Franciacorta, si estende su un'area di 15.000 mq, comprendente un reparto produttivo, un magazzino e il laboratorio di ricerca e analisi.

La completa automazione del processo produttivo assicura costanza qualitativa e assoluta sicurezza.

Il rispetto delle più recenti normative europee è stimolo per tutti noi ad un costante e stretto controllo della qualità del prodotto.

In questi anni abbiamo indirizzato le nostre energie per seguire la nostra missione: "Servire i mercati di tutto il mondo con il miglior servizio pre e post vendita, buona qualità e prezzi molto competitivi". Gli investimenti effettuati e continui volti a migliorare le capacità produttive, gli sviluppi tecnologici e le attività di marketing e, non da ultimo, la qualità delle proprie risorse umane, consentono sicuramente ad Elettro Brescia, ora e in futuro, di svolgere un ruolo sempre più importante nel settore dei cavi speciali e diventare ancora di più un Fornitore di riferimento per tutti gli operatori affinché la propria Mission possa essere realizzata con piena soddisfazione del mercato.

Elettro Brescia, was founded in 1983 and during these years it has become a dynamic and techno-logically advanced company which nowadays holds its successful position among the best manufactures of electric cables.

Our company, harmoniously situated in the wonderful countryside of Franciacorta, covers an area of 15.000 sqm, including a production division, a warehouse and the research and analysis laboratory.

The complete automation of the production process assures consistency of quality and an absolute safety.

The compliance with the latest European regulations is a spur to all of us for a steady close control of the quality of the product.

In these years we directed our energies to follow our mission: "To serve the markets worldwide with the best pre and aftersale service, good quality and very competitive prices". The made and on going investiments directed to improve production capabilities, technological developments and marketing activities and last but not least the quality of its human resources, certainly allow Elettro Brescia now and in the future to play a bigger role in the field of special cable and to become even more a Supplier of reference for all operators so that its Mission can be accomplished to full market satisfaction.

ELETTRO BRESCIA®
QUALITY CABLES
ANNYVERSARY CELEBRATION 1983-2023

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