Habia Cable

H-WK(T)

Equipment Wire, 300V, +200°C — FEP

Properties:
Radiation resistance:
10 E4 Gy

Flame retardant
Low Smoke Generation

Suitable for use in:
Oils
Fuels
Acids
Bases

Construction:

Conductor	Silver Plated Oxygen Free Copper (SPOFHC)*
Insulation	FEP
Temperature rating (°C)	-65 / +200
Colours	XX = Colour code
Voltage	300 V AC**
Test voltage	3000 V AC
*Conductor	(18 AWG) Silver Plated Copper
**Voltage	(H-WK) 600 V AC

Colour code:

Black	00
Brown	11
Red	22
Orange	33
Yellow	44
Green	55
Blue	66
Violet	77
Grey	88
White	99
Pink	29
Natural	89

Notes:
All dimensions nominal (± 4%) unless otherwise stated.
All dimensions in mm.

Air temperature correction factor for current rating: H-WK(T)

°C	20	40	60	80	100	120	140	160	180					
Factor	1.08	1.00	0.92	0.84	0.75	0.65	0.55	0.42	0.28					

Multicore correction factor for current rating:

Cores	2	3	4	6	8	10	12	16	20	24	28	32	36	40
Factor	1	0.88	0.80	0.69	0.62	0.59	0.55	0.51	0.48	0.43	0.41	0.39	0.38	0.36

Type	Size		Conductor			Finished Wire				Order Reference
	AWG	mm²	Stranding	Wire Ø	DC Res @ 20°C (Ohms / km)	Core Ø	Tolerance	Weight (kg/km)	Amps (@ 40°C)	
H-WKT 3001	30	0,049	1 x 0,25	0,25	354	0,57	+ 0,04 - 0,03	0,8	4	582xx3001
H-WKT 2801	28	0,080	1 x 0,32	0,32	223	0,66	± 0,05	1,1	5	582xx2801
H-WKT 2601	26	0,126	1 x 0,40	0,40	140	0,79	± 0,05	1,9	7	582xx2601
H-WK 2401	24	0,204	1 x 0,51	0,51	86,9	1,07	± 0,05	2,5	10	582xx2401
H-WK 2201	22	0,322	1 x 0,64	0,64	55,1	1,22	± 0,05	3,7	14	582xx2201
H-WK 2001	20	0,515	1 x 0,81	0,81	34,1	1,42	± 0,05	5,6	19	582xx2001
H-WK 1801	18	0,817	1 x 1,02	1,02	21,6	1,65	± 0,05	9,6	27	582xx1801

Data provided indicates nominal values unless stated otherwise and is only valid for reference purposes at the time of publication and is subject to change without prior notice.

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