Habia Cable

H-WZ(T)

Equipment Wire, 300V, +150°C — ETFE

Properties:
Radiation resistance:
10 E5 Gy

Flame retardant
Low Smoke Generation

Suitable for use in:
Oils
Fuels
Acids
Bases

Construction:

Conductor	Silver Plated Oxygen Free Copper (SPOFHC)*
Insulation	ETFE
Temperature rating (°C)	-65 / +150
Colours	XX = Colour code
Voltage	300 V AC**
Test voltage	3000 V AC
*Conductor	(TF) Silver plated high strength copper alloy
**Voltage	(H-WZ) 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-WZ(T)

°C	10	20	30	40	50	60	70	80	90	100	110	120	130	140
Factor	1.16	1.11	1.06	1.00	0.94	0.88	0.82	0.76	0.69	0.62	0.54	0.45	0.35	0.23

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-WZT 3201 TF	32	0,031	1 x 0,20	0,20	656	0,47	± 0,02	0,6	2	567xx3201
H-WZT 3001	30	0,049	1 x 0,25	0,25	354	0,55	+ 0,03 - 0,08	0,8	3	567xx3001
H-WZT 2801	28	0,080	1 x 0,32	0,32	223	0,62	± 0,05	1,1	4	567xx2801
H-WZT 2601	26	0,126	1 x 0,40	0,40	140	0,70	± 0,05	1,6	6	567xx2601
H-WZ 2601	26	0,126	1 x 0,40	0,40	140	0,86	± 0,05	1,9	6	568xx2601
H-WZT 2401	24	0,204	1 x 0,51	0,51	86,9	0,81	± 0,05	2,3	9	567xx2401
H-WZ 2401	24	0,204	1 x 0,51	0,51	86,9	0,91	± 0,05	2,7	9	568xx2401
H-WZT 2201	22	0,322	1 x 0,64	0,64	55,1	0,94	± 0,05	3,5	12	567xx2201
H-WZ 2201	22	0,322	1 x 0,64	0,64	55,1	1,09	± 0,05	3,9	12	568xx2201
H-WZT 2001	20	0,515	1 x 0,81	0,81	34,1	1,10	± 0,05	5,4	16	567xx2001
H-WZ 2001	20	0,515	1 x 0,81	0,81	34,1	1,26	± 0,05	5,8	16	568xx2001

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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