

TWI 205 // H-HT

TWI 205 insulated cores

Intended for use as internal wiring of equipment

250/500V AC U₀/U

-65°C to +200°C

Description	Conductor					Finished Core					Article Number
H-HT HSA	Size		Silver Plated High Strength Copper Alloy (HSA)			TWI 205 (Wrapped & sintered)			Weight	Amps	
			Stranding	DC resistance	Wire	Core	Tolerance				
	AWG	mm²			Ω/km	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	
H-HT 3207 HSA	32	0.04	7 x 0.079	652.9	0.24	0.50	0.45	0.55	0.5	3	533cc3207
H-HT 3001 HSA	30	0.05	1 x 0.254	406.8	0.25	0.51	0.46	0.56	0.8	5	533cc3001
H-HT 3007 HSA		0.06	7 x 0.102	387.1	0.30	0.56	0.51	0.61	0.8		533cc3007
H-HT 2801 HSA	28	0.08	1 x 0.320	257.2	0.32	0.58	0.53	0.63	1.1	7	533cc2801
H-HT 2807 HSA		0.09	7 x 0.127	245.4	0.38	0.64	0.59	0.69	1.1		533cc2807
H-HT 2619 HSA	26	0.16	19 x 0.102	122.4	0.48	0.77	0.72	0.82	1.8	11	533cc2619
H-HT 2419 HSA	24	0.24	19 x 0.127	77.4	0.60	0.86	0.81	0.91	2.7	13	533cc2419
H-HT	Size		Silver Plated Copper (SPC)			TWI 205 (Wrapped & sintered)			Weight	Amps	
			Stranding	DC resistance	Wire	Core	Tolerance				
	AWG	mm²			Ω/km	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	
H-HT 2601	26	0.13	1 x 0.404	137.5	0.40	0.66	0.61	0.71	1.8	10	516cc2601
H-HT 2619		0.16	19 x 0.102	122.4	0.48	0.77	0.72	0.82	1.8		516cc2619
H-HT 2401	24	0.20	1 x 0.511	86.0	0.51	0.77	0.72	0.82	2.7	12	516cc2401
H-HT 2419		0.24	19 x 0.127	77.4	0.60	0.86	0.81	0.91	2.7		516cc2419
H-HT 2201	22	0.32	1 x 0.643	54.1	0.64	0.90	0.85	0.95	4.1	16	516cc2201
H-HT 2219		0.38	19 x 0.160	48.6	0.76	1.06	1.01	1.11	4.1		516cc2219
H-HT 2001	20	0.52	1 x 0.813	33.8	0.81	1.07	1.02	1.12	6.3	20	516cc2001
H-HT 2019		0.60	19 x 0.203	29.9	0.97	1.27	1.20	1.34	6.3		516cc2019
H-HT 1819	18	0.96	19 x 0.254	19.0	1.21	1.53	1.46	1.60	9.4	29	516cc1819
H-HT 1619	16	1.23	19 x 0.287	14.9	1.36	1.69	1.62	1.76	11.6	35	516cc1619

Identification

Colours - replace 'cc' in the article number with 2 digits below											
00	11	22	33	44	55	66	77	88	99	29	89
Black	Brown	Red	Orange	Yellow	Green	Blue	Violet	Grey	White	Pink	Clear

Characteristics & key properties

CE	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	Flame retardant	Low smoke generation	Current ratings in free air to IEC 60287
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Data indicates nominal values in millimetres (mm) unless otherwise stated.

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