


## TWI 205 / H-HT


TWI 205 insulated cores

Intended for use as internal wiring of equipment

250 V AC

Order reference		Conductor				Finished wire				Electrical	
		Silver Plated High Strength Copper Alloy (HSA)				TWI 205 (Wrapped & sintered tape)			Weight	DC resistance	DC Current rating In free air at 40°C
		Size	Stranding	Wire	Core	Tolerance					
Description	Article Number	AWG	mm <sup>2</sup>	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	Max Ω/km	Amps
H-HT 3207 HSA	533cc3207	32	0.04	7 x 0.079	0.24	0.50	0.45	0.55	0.5	652	3
H-HT 3001 HSA	533cc3001	30	0.05	1 x 0.254	0.25	0.51	0.46	0.56	0.8	406	5
H-HT 3007 HSA	533cc3007		0.06	7 x 0.102	0.30	0.56	0.51	0.61	0.8	387	
H-HT 2801 HSA	533cc2801	28	0.08	1 x 0.320	0.32	0.58	0.53	0.63	1.1	257	7
H-HT 2807 HSA	533cc2807		0.09	7 x 0.127	0.38	0.64	0.59	0.69	1.1	245	
H-HT 2619 HSA	533cc2619	26	0.16	19 x 0.102	0.48	0.77	0.72	0.82	1.8	122	11
H-HT 2419 HSA	533cc2419	24	0.24	19 x 0.127	0.60	0.86	0.81	0.91	2.7	77.4	13



		Silver Plated Copper (SPC)				TWI 205 (Wrapped & sintered tape)			Weight	DC resistance	DC Current rating In free air at 40°C
		Size	Stranding	Wire	Core	Tolerance					
Description	Article Number	AWG	mm <sup>2</sup>	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	Max Ω/km	Amps
H-HT 2601	516cc2601	26	0.13	1 x 0.404	0.40	0.66	0.61	0.71	1.8	137	10
H-HT 2619	516cc2619		0.16	19 x 0.102	0.48	0.77	0.72	0.82	1.8	122	
H-HT 2401	516cc2401	24	0.20	1 x 0.511	0.51	0.77	0.72	0.82	2.7	86.0	12
H-HT 2419	516cc2419		0.24	19 x 0.127	0.60	0.86	0.81	0.91	2.7	77.4	
H-HT 2201	516cc2201	22	0.32	1 x 0.643	0.64	0.90	0.85	0.95	4.1	54.1	16
H-HT 2219	516cc2219		0.38	19 x 0.160	0.76	1.06	1.01	1.11	4.1	48.6	
H-HT 2001	516cc2001	20	0.52	1 x 0.813	0.81	1.07	1.02	1.12	6.3	33.8	20
H-HT 2019	516cc2019		0.60	19 x 0.203	0.97	1.27	1.20	1.34	6.3	29.9	
H-HT 1819	516cc1819	18	0.96	19 x 0.254	1.21	1.53	1.46	1.60	9.4	19.0	29
H-HT 1619	516cc1619	16	1.23	19 x 0.287	1.36	1.69	1.62	1.76	11.6	14.9	35

Core identification: Replace 'cc' in the article number with 2 digits below to select from available colours

00 Black	11 Brown	22 Red	33 Orange	44 Yellow	55 Green	66 Blue	77 Violet	88 Grey	99 White	29 Pink
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Marking Not applicable

### Characteristics and key properties

		RoHS REACH LVD		<b>Current rating</b> IEC 60287	<b>Fluid resistant</b> Fuel Oil		<b>Flame resistant</b>		<b>Smoke free</b>	<b>MBR</b> Fixed = 5x Ø Flexing = 10x Ø
								<b>Temp low</b> -65°C	<b>Temp</b> >20,000 hrs +200°C	

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