



TWI 205 / H-H

TWI 205 insulated cores

Intended for use as internal wiring of equipment

600 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 ²	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	Max Ω/km	Amps
H-H 3207 HSA	534cc3207	32	0.04	7 x 0.079	0.24	0.57	0.52	0.62	0.6	652	3
H-H 3001 HSA	534cc3001	30	0.05	1 x 0.254	0.25	0.58	0.53	0.63	0.8	406	5
H-H 3007 HSA	534cc3007		0.06	7 x 0.102	0.30	0.63	0.58	0.68	0.9	387	
H-H 2801 HSA	534cc2801	28	0.08	1 x 0.320	0.32	0.65	0.60	0.70	1.2	257	7
H-H 2807 HSA	534cc2807		0.09	7 x 0.127	0.38	0.71	0.66	0.76	1.3	245	
H-H 2619 HSA	534cc2619	26	0.16	19 x 0.102	0.48	0.81	0.76	0.86	1.9	144	11
H-H 2419 HSA	534cc2419	24	0.24	19 x 0.127	0.60	0.93	0.88	0.98	2.8	91.2	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 ²	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	Max Ω/km	Amps
H-H 2601	514cc2601	26	0.13	1 x 0.404	0.40	0.73	0.68	0.78	1.9	137	10
H-H 2619	514cc2619		0.16	19 x 0.102	0.48	0.81	0.76	0.86	1.9	122	
H-H 2401	514cc2401	24	0.20	1 x 0.511	0.51	0.81	0.76	0.86	2.8	86.0	12
H-H 2419	514cc2419		0.24	19 x 0.127	0.60	0.93	0.88	0.98	2.8	77.4	
H-H 2201	514cc2201	22	0.32	1 x 0.643	0.64	0.94	0.89	0.99	4.2	54.1	16
H-H 2219	514cc2219		0.38	19 x 0.160	0.76	1.10	1.05	1.15	4.2	48.6	
H-H 2001	514cc2001	20	0.52	1 x 0.813	0.81	1.11	1.06	1.16	6.5	33.8	20
H-H 2019	514cc2019		0.60	19 x 0.203	0.97	1.31	1.24	1.38	6.5	29.9	
H-H 1819	514cc1819	18	0.96	19 x 0.254	1.21	1.57	1.50	1.64	9.9	19.0	29
H-H 1619	514cc1619	16	1.23	19 x 0.287	1.36	1.73	1.66	1.80	13.0	14.9	35
H-H 1419	514cc1419	14	1.87	19 x 0.361	1.70	2.19	2.09	2.29	20.0	9.42	53
H-H 1237	514cc1237	12	2.98	37 x 0.320	2.24	2.63	2.53	2.73	29.0	6.20	66
H-H 1037	514cc1819	10	4.65	37 x 0.404	2.82	3.21	3.06	3.36	45.0	3.90	82

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

Marking Not applicable

Characteristics and key properties

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

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