


PTFE / H-UT

PTFE insulated ultra-thin cores

Intended for use as internal wiring of equipment where not subject to mechanical abuse

160 V AC

Order reference		Conductor				Finished wire				Electrical	
		Silver Plated High Strength Copper Alloy (HSA)				PTFE			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-UT 3601 HSA	571cc3601	36	0.01	1 x 0.127	0.13	0.27	0.24	0.29	0.25	1,825	2
H-UT 3607 HSA	571cc3607		0.01	7 x 0.050	0.15	0.32	0.29	0.34	0.30	1,545	
H-UT 3401 HSA	571cc3401	34	0.02	1 x 0.160	0.16	0.31	0.28	0.33	0.35	1,139	3
H-UT 3407 HSA	571cc3407		0.02	7 x 0.060	0.19	0.36	0.33	0.38	0.40	979	
H-UT 3201 HSA	571cc3201	32	0.03	1 x 0.203	0.20	0.36	0.33	0.38	0.50	627	4
H-UT 3207 HSA	571cc3207		0.03	7 x 0.080	0.24	0.42	0.39	0.44	0.55	621	
H-UT 3219 HSA	571cc3219		0.04	19 x 0.050	0.25	0.42	0.39	0.44	0.65	571	
H-UT 3001 HSA	571cc3001	30	0.05	1 x 0.254	0.25	0.42	0.39	0.44	0.70	401	5
H-UT 3007 HSA	571cc3007		0.05	7 x 0.102	0.30	0.49	0.46	0.51	0.85	373	
H-UT 3019 HSA	571cc3019		0.05	19 x 0.060	0.32	0.50	0.46	0.51	0.90	360	



		Silver Plated Copper (SPC)				PTFE			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-UT 2801	571cc2801	28	0.08	1 x 0.320	0.32	0.50	0.47	0.52	1.0	221	6
H-UT 2807	571cc2807		0.09	7 x 0.127	0.38	0.56	0.53	0.58	1.2	210	
H-UT 2601	571cc2601	26	0.13	1 x 0.404	0.40	0.62	0.59	0.64	1.6	139	9

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

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

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