


FEP / H-UKT

FEP 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)				FEP			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-UKT 3601 HSA	585cc3601	36	0.01	1 x 0.127	0.13	0.27	0.24	0.29	0.25	1,825	2
H-UKT 3607 HSA	585cc3607		0.01	7 x 0.050	0.15	0.32	0.29	0.34	0.30	1,545	
H-UKT 3401 HSA	585cc3401	34	0.02	1 x 0.160	0.16	0.31	0.28	0.33	0.35	1,139	3
H-UKT 3407 HSA	585cc3407		0.02	7 x 0.060	0.19	0.36	0.33	0.38	0.40	979	
H-UKT 3201 HSA	585cc3201	32	0.03	1 x 0.203	0.20	0.36	0.33	0.38	0.50	627	4
H-UKT 3207 HSA	585cc3207		0.03	7 x 0.079	0.24	0.42	0.39	0.44	0.55	621	
H-UKT 3219 HSA	585cc3219		0.04	19 x 0.050	0.25	0.42	0.39	0.44	0.65	571	
H-UKT 3001 HSA	585cc3001	30	0.05	1 x 0.254	0.25	0.42	0.39	0.44	0.70	401	5
H-UKT 3007 HSA	585cc3007		0.05	7 x 0.102	0.30	0.49	0.46	0.51	0.85	373	
H-UKT 3019 HSA	585cc3019		0.05	19 x 0.060	0.32	0.50	0.47	0.52	0.90	360	



		Silver Plated Copper (SPC)				FEP			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-UKT 2801	585cc2801	28	0.08	1 x 0.320	0.32	0.50	0.47	0.52	1.0	221	7
H-UKT 2807	585cc2807		0.09	7 x 0.127	0.38	0.56	0.53	0.58	1.2	210	
H-UKT 2601	585cc2601	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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