



ETFE / H-UZT

ETFE 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)				ETFE			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-UZT 3601 HSA	912cc3601	36	0.01	1 x 0.127	0.13	0.27	0.27	0.29	0.25	1,825	2
H-UZT 3607 HSA	912cc3607		0.01	7 x 0.050	0.15	0.32	0.29	0.34	0.30	1,545	
H-UZT 3401 HSA	912cc3401	34	0.02	1 x 0.160	0.16	0.31	0.28	0.33	0.35	1,139	2
H-UZT 3407 HSA	912cc3407		0.02	7 x 0.060	0.19	0.36	0.33	0.38	0.40	979	
H-UZT 3201 HSA	912cc3201	32	0.03	1 x 0.203	0.20	0.36	0.33	0.38	0.50	627	3
H-UZT 3207 HSA	912cc3207		0.03	7 x 0.079	0.24	0.42	0.39	0.44	0.55	621	
H-UZT 3219 HSA	912cc3219		0.04	19 x 0.050	0.25	0.42	0.39	0.44	0.65	571	
H-UZT 3001 HSA	912cc3001	30	0.05	1 x 0.254	0.25	0.42	0.39	0.44	0.70	401	4
H-UZT 3007 HSA	912cc3007		0.05	7 x 0.102	0.30	0.49	0.46	0.51	0.85	373	
H-UZT 3019 HSA	912cc3019		0.05	19 x 0.060	0.32	0.50	0.47	0.52	0.90	360	



		Tin Plated Copper (TPC)				ETFE			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-UZT 2801	912cc2801	28	0.08	1 x 0.320	0.32	0.50	0.47	0.52	1.0	221	6
H-UZT 2807	912cc2807		0.09	7 x 0.127	0.38	0.56	0.53	0.58	1.2	210	
H-UZT 2601	912cc2601	26	0.13	1 x 0.404	0.40	0.62	0.59	0.64	1.6	139	8

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 +150°C	

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