

Habiatron // R Class multicores

ETFE insulated, HFS 80 N sheathed multicores for non-Class 1E use
 Intended for use in nuclear related equipment located in mild environmental conditions

Description		Cores				Finished Cable					
ZN - TW	No. cores	Tin Plated Copper (TPC)		ETFE	Optional foil or braid	HFS 80 N	Weight	Amps	Fixed MBR	Article Number	
		Size	Conductor								Insulation
300 / 500V AC U _v /U	#	AWG	mm ²	Nom Ø	Nom Ø	Ø	Nom Ø	Nom g/m	@ 40°C	mm	Article Number
ZN 1819 TW 3	3	18	-	1.21	1.80	-	5.7	56	16	29	700044371
ZN 1819 TW 4	4	18	-	1.21	1.80	-	6.1	69	15	31	700044372
600 / 1000V AC U _v /U	#	AWG	mm ²	Nom Ø	Nom Ø	Ø	Nom Ø	Nom g/m	@ 40°C	mm	Article Number
ZN 1619 TW 2	2	16	-	1.36	2.01	-	5.8	53	20	29	700044373
ZN 1419 TW 2		14	-	1.70	2.36	-	6.5	72	27	33	700044376
ZN 2.5 TW 2		-	2.5	1.95	2.71	-	7.6	99	32	38	700044391
ZN 1237 TW 2		12	-	2.20	2.90	-	8.0	118	36	40	700044379
ZN 1037 TW 2		10	-	2.82	3.53	-	9.3	177	48	47	700044382
ZN 6133 TW 2		6	-	5.27	6.35	-	15.5	504	93	78	700044385
ZN 25 TW 2		-	25	7.20	8.30	-	19.8	787	148	99	700044394
ZN 50 TW 2		-	50	10.7	12.2	-	28.4	1,541	185	142	700044396
ZN 1619 TW 3	3	16	-	1.36	2.01	-	6.1	70	19	31	700044374
ZN 1419 TW 3		14	-	1.70	2.36	-	7.3	98	25	37	700044377
ZN 2.5 TW 3		-	2.5	1.95	2.71	-	8.0	123	29	40	700044392
ZN 1237 TW 3		12	-	2.20	2.90	-	8.4	145	33	42	700044380
ZN 1037 TW 3		10	-	2.82	3.53	-	9.8	214	44	49	700044383
ZN 6133 TW 3		6	-	5.27	6.35	-	16.7	593	85	84	700044386
ZN 4133 TW 3		4	-	6.65	7.92	-	20.8	942	114	104	700044388
ZN 25 TW 3		-	25	7.20	8.30	-	21.7	1,027	135	109	700044395
ZN 50 TW 3	-	50	10.7	12.2	-	31.6	2,139	170	158	700044397	
ZN 1619 TW 4	4	16	-	1.36	2.01	-	7.0	90	17	35	700044375
ZN 1419 TW 4		14	-	1.70	2.36	-	7.9	129	23	40	700044378
ZN 2.5 TW 4		-	2.5	1.95	2.71	-	8.7	157	27	44	700044393
ZN 1237 TW 4		12	-	2.20	2.90	-	9.2	185	31	46	700044381
ZN 1037 TW 4		10	-	2.82	3.53	-	11.1	289	41	56	700044384
ZN 6133 TW 4		6	-	5.27	6.35	-	18.8	798	80	94	700044387
ZN 4133 TW 4		4	-	6.65	7.92	-	22.8	1,213	106	114	700044389



Other designs (including screened versions) are available for this part of the standard and will be incorporated on an on-going basis.
 Should you require an item that is not included within this table, please contact one of our sales offices.

Cable identification						
Cores: White and numbered			1	2	3	4
Sheath: Black						
Marking: Habiatron Description - Cores x Size - Voltage - Screen - Article No. - Year-Week - Batchcode						

Characteristics and key properties					
	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU		(40 Years) +90°C High temp
Type tested to IEEE 383				Test voltage 1.5 kV AC	Current rating in free air to IEC 60287
					-25°C Low temp

Data indicates nominal values in millimetres (mm) unless otherwise stated.
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