

Habiatron // Q Class multicores

HFI 260 insulated, HFS 105 XL B sheathed multicores for Class 1E use

Intended for use in safety related equipment located in harsh environments and for accident conditions

Description		Cores				Finished Cable					
M/TPC - STQ	No. cores	Tin Plated Copper (TPC)		HFI 260	Optional foil or braid	HFS 105 XL B	Weight	Amps	Fixed MBR		
		Size	Conductor	Insulation	Shield/s	Sheath/s					
300 / 500V AC U ₀ /U	#	AWG	mm ²	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	@ 40°C	mm	Article Number
M/TPC 2019 STQ 2	2	20	-	0.96	1.52	3.2	4.8	42	13	35	700044341
M/TPC 1.0 STQ 2		-	1.0	1.20	1.84	3.9	5.5	56	18	42	700044362
M/TPC 2019 STQ 3	3	20	-	0.96	1.52	4.0	5.6	53	12	42	700044342
M/TPC 1.0 STQ 3		-	1.0	1.20	1.84	4.2	5.8	68	17	44	700044363
M/TPC 2019 STQ 4	4	20	-	0.96	1.52	3.9	5.5	59	11	42	700044343
M/TPC 1.0 STQ 4		-	1.0	1.20	1.84	4.9	6.5	82	16	49	700044364
M/TPC 2019 STQ 12	12	20	-	0.96	1.52	6.5	8.5	133	8	64	700044344
M/TPC 2019 STQ 14	14	20	-	0.96	1.52	6.9	8.9	150	8	67	700044345
M/TPC 2019 STQ 20x2	20x2	20	-	0.96	1.52	(N) 15.0	18.0	513	5	135	700044346
600 / 1000V AC U ₀ /U	#	AWG	mm ²	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	@ 40°C	mm	Article Number
M/TPC 1619 STQ 2	2	16	-	1.36	2.01	4.2	5.8	64	21	44	700044350
M/TPC 1419 STQ 2		14	-	1.70	2.36	4.9	6.5	89	27	49	700044353
M/TPC 2.5 STQ 2		-	2.5	1.95	2.65	5.5	7.5	114	32	56	700044365
M/TPC 1237 STQ 2		12	-	2.20	2.90	6.0	8.0	140	36	60	700044356
M/TPC 1037 STQ 2		10	-	2.82	3.53	7.3	9.3	203	48	70	700044359
M/TPC 10 STQ 2		-	10	3.93	4.83	9.9	12.3	384	78	92	700044368
M/TPC 1619 STQ 3	3	16	-	1.36	2.01	4.5	6.1	75	19	46	700044351
M/TPC 1419 STQ 3		14	-	1.70	2.36	5.3	7.3	114	25	55	700044354
M/TPC 2.5 STQ 3		-	2.5	1.95	2.65	5.9	7.9	146	29	59	700044366
M/TPC 1237 STQ 3		12	-	2.20	2.90	6.5	8.5	150	33	64	700044357
M/TPC 1037 STQ 3		10	-	2.82	3.53	8.6	11.0	261	44	83	700044360
M/TPC 10 STQ 3		-	10	3.93	4.83	10.6	13.2	506	71	99	700044369
M/TPC 1619 STQ 4	4	16	-	1.36	2.01	5.2	7.2	100	18	55	700044352
M/TPC 1419 STQ 4		14	-	1.70	2.36	6.6	8.6	151	23	65	700044355
M/TPC 2.5 STQ 4		-	2.5	1.95	2.65	6.8	8.8	179	27	66	700044367
M/TPC 1237 STQ 4		12	-	2.20	2.90	7.8	9.8	210	31	74	700044358
M/TPC 1037 STQ 4		10	-	2.82	3.53	9.3	11.7	343	41	88	700044361

Other designs (including un-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: Natural (Grey-amber) 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	Halogen free to IEC 60754-1 IEC 60754-2	Flame retardant to IEEE 1202 UL1581 VW-1	(40 Years) +80°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.

DISCLAIMER: Information is indicative and cannot be considered a binding representation or warranty for products and their use.

Valid at the time of publication, it is subject to change without notice.