

VG 95218-27 Type B / H-GM27-B

ETFE insulated, TPS 125 XL sheathed multicores to VG 95218-27 Type B

Intended for use as fixed installation cables for coupling of equipment used in military areas

600 V AC / 900 V DC

Order reference		Core				Finished cable			Electrical	
Description (NSN)	Article Number	No. of cores	Tin Plated Copper (TPC)		ETFE	-	TPS 125 XL	Weight	DC resistance	DC current rating
			CSA	Size	Insulation	Shield/s	Sheath/s			In free air at 40°C
		Lay up	mm ² (AWG)	Max Ø	Nom Ø	Nom Ø	Max Ø	Max g/m	Max Ω/km	Amps
H-GM27-B021 (6145-12-317-5657)	30552702210	2	0.50 (20)	0.94	1.27	-	4.7	30	43.1	15
H-GM27-B024 (6145-12-331-8332)	30552702240		1.0 (17)	1.32	1.70	-	7.3	67	21.4	23
H-GM27-B031	30552702310		2.5 (13)	2.14	2.55	-	8.0	99	8.36	42
H-GM27-B022 (6145-12-321-2249)	30552702220	1 2 s	0.60 (19)	1.04	1.40	-	6.6	65	34.2	16
H-GM27-B027	30552702270	3	1.0 (17)	1.32	1.70	-	6.0	56	21.4	23
H-GM27-B036 (6145-12-337-2725)	30552702360		1.0 (17)	1.32	1.70	-	6.0	56	21.4	23
H-GM27-B018 (6145-12-337-6095)	30552702180		1.2 (16)	1.47	1.83	-	6.6	68	16.7	24
H-GM27-B001 (6145-12-188-1938)	30552702010	5	1.5 (15)	1.68	2.03	-	6.6	84	13.8	28
H-GM27-B028	30552702280		1.5 (15)	1.68	2.03	-	7.0	83	13.8	28
H-GM27-B023 (6145-12-321-2197)	30552702230		0.60 (19)	1.04	1.40	-	5.5	54	34.2	14
H-GM27-B013 (6145-12-307-4352)	30552702130	7	1.5 (15)	1.68	2.03	-	7.8	125	13.8	25
H-GM27-B029	30552702290		1.5 (15)	1.68	2.03	-	8.4	130	13.8	25
H-GM27-B030	30552702300		2.5 (13)	2.14	2.55	-	9.9	194	8.36	33
H-GM27-B014 (6145-12-307-4353)	30552702140	5	3.0 (12)	2.29	2.74	-	9.7	212	6.76	38
H-GM27-B012	30552702120		0.50 (20)	0.94	1.27	-	6.2	66	43.1	11
H-GM27-B008 (6145-12-199-3653)	30552702080		0.60 (19)	1.04	1.40	-	6.7	80	34.2	13
H-GM27-B002 (6145-12-188-1942)	30552702020	7	1.5 (15)	1.68	2.03	-	8.5	164	13.8	23
H-GM27-B017	30552702170		3.0 (12)	2.29	2.74	-	11.1	289	6.76	44
H-GM27-B025 (6145-12-331-8323)	30552702250	6 2 s	0.25 (24)	0.66	1.02	-	6.9	65	87.7	7
H-GM27-B033	30552702330	4 5	2.5 (13) 1.5 (15)	2.14 1.68	2.55 2.03	-	12.3	269	8.36 13.8	-
H-GM27-B003 (6145-12-188-2428)	30552702030	10	1.5 (15)	1.68	2.03	-	10.6	232	14.4	20
H-GM27-B016 (6145-12-307-4760)	30552702160	12	0.40 (22)	0.84	1.19	-	7.4	86	56.8	8
H-GM27-B015 (6145-12-330-2713)	30552702150		1.5 (15)	1.68	2.03	-	11.5	280	14.4	19
H-GM27-B007 (6145-12-198-7079)	30552702070	4 s 4 4	0.40 (22) 0.60 (20) 1.2 (16)	0.84 1.04 1.47	1.19 1.40 1.83	-	10.5	182	56.8 34.2 17.5	-

Cable identification

Cores White & numbered

1 2 3 4

Sheath Black

Marking VG 95218 T027 B### - SF095 - Habia Cable - VDE-REG.-Nr. 8265

Characteristics and key properties

CE	UK CA	RoHS REACH LVD	Current rating DIN VDE 0298-4	Fluid resistant Fuel Oil Water	Flame resistant	Temp low certified -40°C	Temp >2,500 hrs certified +150°C	MBR Fixed = 5x Ø Flexing = 10x Ø
Approval VG95218 Type 27B	Approval VG95218 Type 20A cores	Codified NSN						


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		CSA	Size	Insulation	Shield/s	Sheath/s			In free air at 40°C	
Description (NSN)	Article Number	Lay up	mm² (AWG)	Max Ø	Nom Ø	Nom Ø	Max Ø	Max g/m	Max Ω/km	Amps
H-GM27-B004 (6145-12-188-2432)	30552702040	19	1.0 (17)	1.32	1.70	-	11.9	291	22.5	12
H-GM27-B034	30552702340		1.5 (15)	1.68	2.03	-	13.6	419	14.4	16
H-GM27-B009 (6145-12-198-7080)	30552702090	13 s	0.40 (22)	0.84	1.19	-	14.0	310	56.8	-
		3 x 3	0.60 (20)	1.04	1.40				34.9	
		3	0.60 (20)	1.04	1.40				34.2	

Cable identification

Cores	White & numbered	1	2	3	4
Sheath	Black				
Marking	VG 95218 T027 B### - SF095 - Habia Cable - VDE-REG.-Nr. 8265				

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