

VG 95218-28 Type D / H-GM28-D

ETFE insulated, TPS 125 XL sheathed, shielded multicores to VG 95218-28 Type D

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 (s = shield)	Tin Plated Copper (TPC)		ETFE	TPC braid	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-GM28-D037	30552804370	2	0.75 (18)	1.20	1.50	3.8	5.9	56	27.1	20
H-GM28-D013 (6145-12-307-4357)	30552804130		1.0 (17)	1.32	1.70	4.0	6.2	63	21.4	23
H-GM28-D011 (6145-12-308-3332)	30552804110	3	0.40 (22)	0.84	1.19	3.1	5.4	44	54.2	12
H-GM28-D001 (6145-12-309-5072)	30552804010		1.5 (15)	1.68	2.03	5.1	7.3	106	13.8	28
H-GM28-D056	30552804560	2 x 2 s	0.40 (22)	0.84	1.19	7.4	10.5	141	55.3	11
H-GM28-D012 (6145-12-308-3331)	30552804120	2 x 2	0.60 (19)	1.04	1.40	5.6	8.7	105	34.9	15
H-GM28-D017 (6145-12-307-4358)	30552804170	4	1.2 (16)	1.47	1.83	5.1	7.6	108	16.7	22
H-GM28-D008 (6145-12-198-6953)	30552804080		3.0 (12)	2.29	2.74	7.5	10.0	223	6.76	41
H-GM28-D016 (6145-12-309-6467)	30552804160	2 x 2 1 s	0.40 (22) 0.40 (22)	0.84 0.84	1.19 1.19	5.2	8.1	93	55.3 54.2	10
H-GM28-D032 (6145-12-321-3639)	30552804320	5	1.2 (16)	1.47	1.83	5.6	8.2	128	16.7	21
H-GM28-D060	30552804600		1.5 (15)	1.68	2.03	6.2	7.8	141	13.8	25
H-GM28-D084 (6145-12-345-2564)	30552804840	6	0.40 (22)	0.84	1.19	4.3	6.7	72	54.2	10
H-GM28-D018 (6145-12-309-6466)	30552804180	3 x 2	0.40 (22)	0.84	1.19	5.2	8.1	90	55.3	10
H-GM28-D020 (6145-12-312-3173)	30552804200		1.2 (16)	1.47	1.83	7.8	10.0	180	17.0	20
H-GM28-D062	30552804620	1 3 x 2 s	1.0 (17) 1.2 (16)	1.32 1.47	1.70 1.83	10.8	13.8	293	21.4 17.0	-
H-GM28-D010 (6145-12-307-4356)	30552804100	7	1.2 (16)	1.47	1.83	6.2	9.0	162	16.7	19
H-GM28-D002 (6145-12-188-2434)	30552804020		1.5 (15)	1.68	2.03	6.8	9.1	194	13.8	23
H-GM28-D038 (6145-12-331-8324)	30552804380	8	0.25 (24)	0.66	1.02	4.4	7.2	78	87.8	7
H-GM28-D015 (6145-12-312-6714)	30552804150	4 x 2	0.40 (22)	0.84	1.19	5.8	8.6	106	55.3	9
H-GM28-D039 (6145-12-325-0723)	30552804390	3 1 x 2 s 1 x 4 s	3.0 (12) 3.0 (12) 3.0 (12)	2.29 2.29 2.29	2.74 2.74 2.74	14.5	19.3	685	6.77 7.10 7.10	33
H-GM28-D045 (6145-12-306-9003)	30552804450	1 2 x 2 1 x 2 s 1 x 2	0.25 (24) 0.25 (24) 0.25 (24) 0.40 (22)	0.66 0.66 0.66 0.84	1.02 1.02 1.02 1.19	6.3	8.2	98	86.0 89.5 89.5 55.3	-
H-GM28-D040	30552804400	7 1 x 1 s 1 x 2 s	0.40 (22) 0.40 (22) 0.40 (22)	0.84 0.84 0.84	1.19 1.19 1.19	6.6	10.0	154	54.2	9
H-GM28-D051	30552804510	5 x 2	0.40 (22)	0.84	1.19	6.4	10.0	132	55.3	9

Cable identification

Cores White & numbered

1 2 3 4

Sheath Black

Marking VG 95218 T028 D### - SF095 - Habia Cable - VDE-REG.-Nr. 7843

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 28D	Approval VG95218 Type 20A cores	Codified NSN						

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600 V AC / 900 V DC

Order reference		Core				Finished cable			Electrical	
Description (NSN)	Article Number	No. of cores (s = shield)	Tin Plated Copper (TPC)		ETFE	TPC braid	TPS 125 XL	Weight	DC resistance	DC current rating
			CSA	Size	Insulation	Shield/s	Sheath/s			In free air at 40°C
		Layout	mm ² (AWG)	Max Ø	Nom Ø	Nom Ø	Max Ø	Max g/m	Max Ω/km	Amps
H-GM28-D071	30552804710	1 x 2	0.60 (19)	1.04	1.40	8.9	12.9	240	34.9	-
		2 x 2	0.25 (24)	0.66	1.02					
		2 x 2	1.2 (16)	1.47	1.83					
H-GM28-D063	30552804630	2 x 5	1.2 (16)	1.47	1.83	13.0	16.2	416	17.0	17
H-GM28-D064	30552804640	4	1.2 (16)	1.47	1.83	10.7	14.5	349	16.7	17
		1 x 2 s	1.2 (16)	1.47	1.83					
		1 x 4 s	1.2 (16)	1.47	1.83					
H-GM28-D033 (6145-12-320-9719)	30552804330	4	1.2 (16)	1.47	1.83	10.6	14.3	355	16.7	17
		2 x 3 s	1.2 (16)	1.47	1.83					
H-GM28-D003 (6145-12-188-1940)	30552804030	10	1.5 (15)	1.68	2.03	8.7	11.0	284	14.4	20
H-GM28-D041 (6145-12-331-8325)	30552804410	9	0.40 (22)	0.84	1.19	7.4	10.9	175	56.8	8
		3 s		0.84	1.19					
H-GM28-D022 (6145-12-310-3627)	30552804220	9	0.60 (19)	1.04	1.27	8.3	11.4	226	35.8	11
		3 s		1.04	1.27					
H-GM28-D083	30552804830	1 x 2 s	0.25 (24)	0.66	1.02	8.6	12.0	230	89.5	-
		1 x 3 s	0.25 (24)	0.66	1.02				89.5	
		4 s	0.25 (24)	0.66	1.02				34.2	
		1 x 3	0.60 (19)	1.04	1.40				17.0	
H-GM28-D079	30552804790	3 x 2	1.2 (16)	1.47	1.83	9.3	12.5	243	34.9	-
		2	1.2 (16)	1.47	1.83				34.2	
		2 x 2	0.60 (19)	1.04	1.40				17.0	
H-GM28-D080	30552804800	4 x 2 s	0.60 (19)	1.04	1.40	9.8	13.0	284	34.9	-
		4	1.2 (16)	1.47	1.83				16.7	
H-GM28-D029 (6145-12-321-3640)	30552804290	4 x 1 s	0.40 (22)	0.84	1.19	8.6	10.6	202	56.8	7
		1 x 2 s								
		4 x 2								
H-GM28-D065	30552804650	2	1.2 (16)	1.47	1.83	13.5	17.1	460	16.7	15
		1 x 2 s	1.2 (16)	1.47	1.83				17.0	
		2 x 3 s	1.2 (16)	1.47	1.83				17.0	
		1 x 5 s	1.2 (16)	1.47	1.83				17.0	
H-GM28-D009 (6145-12-198-6954)	30552804090	16	1.2 (16)	1.47	1.83	9.4	11.9	335	17.5	15
H-GM28-D066	30552804660	8 x 2	1.2 (16)	1.47	1.83	16.9	20.2	652	17.0	15
H-GM28-D053	30552804530	18	1.2 (16)	1.47	1.83	10.0	12.9	361	17.5	14
H-GM28-D014 (6145-12-310-1961)	30552804140	19	0.40 (22)	0.84	1.19	6.7	9.0	160	56.8	7
H-GM28-D077	30552804770	19	0.50 (20)	0.94	1.27	7.1	10.2	195	45.3	8
H-GM28-D004 (6145-12-188-2435)	30552804040	19	1.0 (17)	1.32	1.70	9.2	12.6	342	22.5	12
H-GM28-D067	30552804670	19	1.5 (15)	1.68	2.03	11.0	14.5	481	14.4	16
H-GM28-D054	30552804540	13 6 s	0.40 (22)	0.84	1.19	9.3	11.7	246	56.8	7

Cable identification

Cores White & numbered

1 2 3 4

Sheath Black

Marking VG 95218 T028 D### - SF095 - Habia Cable - VDE-REG.-Nr. 7843

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 28D	Approval VG95218 Type 20A cores	Codified NSN						

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600 V AC / 900 V DC

Order reference		Core				Finished cable			Electrical	
Description (NSN)	Article Number	No. of cores (s = shield)	Tin Plated Copper (TPC)		ETFE	TPC braid	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-GM28-D081 (6145-12-350-9679)	30552804810	5	0.60 (19)	1.04	1.40	10.8	14.3	326	34.2	9
		3 x 2	0.60 (19)	1.04	1.40				34.9	
		4 x 2 s	0.60 (19)	1.04	1.40				34.9	
H-GM28-D059	30552804590	15 4 s	1.2 (16)	1.47	1.83	11.8	15.4	466	17.5	14
H-GM28-D052	30552804520	10 x 2	0.40 (22)	0.84	1.19	9.2	12.3	221	58.0	7
H-GM28-D068	30552804680	3 x 2 3 x 3 5	1.2 (16)	1.47	1.83	16.8	20.2	624	17.0	-
H-GM28-D072	30552804720	2 x 2	0.60 (19)	1.04	1.40	12.7	15.7	337	34.9	-
		2 x 2	0.25 (24)	0.66	1.02				89.5	
		6 x 2	0.25 (24)	0.66	1.02				89.5	
H-GM28-D069	30552804690	2 x 3 s 2 x 4 s 1 x 7 s	1.2 (16)	1.47	1.83	15.4	19.6	674	17.0	13
H-GM28-D007 (6145-12-309-3198)	30552804070	15	1.2 (16)	1.47	1.83	11.3	15.1	498	17.5	13
		1 x 7 s	1.2 (16)	1.47	1.83				16.7	
H-GM28-D028 (6145-12-325-0722)	30552804280	12 x 2	0.25 (24)	0.66	1.02	8.3	10.8	173	93.8	5
H-GM28-D034	30552804340	12 6 x 2	0.25 (24) 0.25 (24)	0.66 0.66	1.02 1.02	8.0	11.7	198	92.0 93.8	5
H-GM28-D076 (6145-12-350-9678)	30552804760	3	0.60 (19)	1.04	1.40	11.2	15.0	386	35.8	-
		3 x 2	0.60 (19)	1.04	1.40				36.6	
		13	0.40 (22)	0.84	1.19				56.8	
H-GM28-D031 (6145-12-319-5733)	30552804310	2	0.75 (18)	1.20	1.50	8.2	11.7	208	28.5	-
		12	0.25 (24)	0.66	1.02				92.0	
		6 x 2	0.25 (24)	0.66	1.02				93.8	
H-GM28-D070	30552804700	27	0.60 (19)	1.04	1.27	8.6	11.6	266	45.3	8
H-GM28-D057	30552804570	29	1.5 (15)	1.68	2.03	14.0	17.5	715	14.4	14
H-GM28-D073	30552804730	2	0.25 (24)	0.66	1.02	12.8	16.0	374	89.5	4
		7 x 2 8 x 2 s								
H-GM28-D078	30552804780	37	0.25 (24)	0.66	1.02	7.9	11.0	211	92.0	4
H-GM28-D005	30552804050	37	1.5	1.68	2.03	15.2	18.8	910	14.4	13
H-GM28-D058	30552804580	34 3 s	1.2 (16)	1.47	1.83	15.0	18.6	755	17.5	11
H-GM28-D046	30552804460	19 x 2	0.25 (24)	0.66	1.02	9.8	12.2	227	93.8	5

Cable identification

Cores White & numbered

1 2 3 4

Sheath Black



Marking VG 95218 T028 D### - SF095 - Habia Cable - VDE-REG.-Nr. 7843

Characteristics and key properties

CE	UK CA	RoHS REACH LVD		Current rating DIN VDE 0298-4	Fluid resistant Fuel Oil Water		Flame resistant			MBR Fixed = 5x Ø Flexing = 10x Ø
Approval VG95218 Type 28D	Approval VG95218 Type 20A cores	Codified NSN						Temp low certified -40°C	Temp >2,500 hrs certified +150°C	

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600 V AC / 900 V DC

Order reference		Core				Finished cable			Electrical	
Description (NSN)	Article Number	No. of cores (s = shield)	Tin Plated Copper (TPC)		ETFE	TPC braid	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-GM28-D030 (6145-12-301-050)	30552804300	16	0.40 (22)	0.84	1.19	14.6	18.4	592	56.8	-
		7 x 3	0.60 (19)	1.04	1.40				36.6	
		2	1.2 (16)	1.47	1.83				17.5	
H-GM28-D035 (6145-12-309-3198)	30552804350	2	1.2 (16)	1.47	1.83	17.7	20.6	742	17.5	-
		2	0.60 (19)	1.04	1.40				35.8	
		3 x 3	0.60 (19)	1.04	1.40				36.6	
H-GM28-D082	30552804820	2	1.2 (16)	1.47	1.83	15.4	18.5	564	17.5	-
		9 x 3	0.60 (19)	1.04	1.40				36.6	
		10	0.50 (15)	0.94	1.27				45.3	
H-GM28-D055 (6145-12-325-0722)	30552804550	8	0.40 (22)	0.84	1.83	15.8	18.7	612	56.8	-
		11	0.60 (19)	1.04	1.40				35.8	
		5 x 2	0.60 (19)	1.04	1.40				36.6	
H-GM28-D036 (6145-12-320-4079)	30552804360	50	0.25 (24)	0.66	1.02	9.4	12.5	274	92.0	3
		11 x 2	0.25 (24)	0.66	1.02				93.8	
		16 x 2	0.25 (24)	0.66	1.02				93.8	
H-GM28-D047	30552804470	61	0.40 (22)	0.84	1.19	11.4	15.0	441	56.8	4
H-GM28-D019 (6145-12-312-6174)	30552804190	61	0.40 (22)	0.84	1.19	11.4	15.0	441	56.8	4
H-GM28-D006	30552804060	61	1.0 (17)	1.32	1.70	15.9	20.0	946	22.5	8
H-GM28-D048	30552804480	33 x 2	0.25 (24)	0.66	1.02	12.9	15.3	373	93.8	3
H-GM28-D049	30552804490	52 x 2	0.25 (24)	0.66	1.02	15.5	18.6	540	93.8	2

Cable identification

Cores White & numbered

1 2 3 4

Sheath Black

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Characteristics and key properties

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Approval VG95218 Type 28D	Approval VG95218 Type 20A cores	Codified NSN						

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