

VG 95218-20 Type A / H-GM20-A

ETFE Insulated cores to VG 95218-20 Type A

Intended for use as instrument wiring and also as components for cables used in military areas

600 V AC / 900 V DC

Order reference		Conductor			Finished core				Electrical	
		Tin Plated Copper (TPC)			ETFE		Weight	DC resistance	DC current rating	
		CSA	Stranding	Size	Insulation	Tolerance			In free air at 40°C	Amps
Description (NSN)	Article Number	mm ² (AWG)	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Max g/m	Max Ω/km	Amps
H-GM20-A016 (6145-12-165-2330) *	3055200116c	0.25 (24)	19 x 0.127	0.66	1.02	0.97	1.07	3.2	86.0	12
H-GM20-A001 (6145-12-164-8663) *	3055200101c	0.40 (22)	19 x 0.160	0.84	1.19	1.14	1.24	4.7	53.1	16
H-GM20-A002 (6145-12-306-2456) *	3055200102c	0.50 (20)	37 x 0.127	0.94	1.27	2.22	1.32	5.8	42.3	18
H-GM20-A003 (6145-12-181-1850) *	3055200103c	0.60 (19)	37 x 0.142	1.04	1.40	1.35	1.45	6.9	33.5	21
H-GM20-A004 (6145-12-187-8108) *	3055200104c	0.75 (18)	37 x 0.160	1.20	1.50	1.40	1.60	8.7	26.6	24
H-GM20-A005 (6145-12-187-6676) *	3055200105c	1.0 (17)	37 x 0.180	1.32	1.70	1.60	1.80	11.0	21.0	28
H-GM20-A006 (6145-12-187-6677) *	3055200106c	1.2 (16)	37 x 0.200	1.47	1.83	1.76	1.90	13.3	16.4	32
H-GM20-A007 (6145-12-187-8109) *	3055200107c	1.5 (15)	37 x 0.226	1.68	2.03	1.96	2.10	18.0	13.5	37
H-GM20-A008 (6145-12-187-8110) *	3055200108c	2.5 (13)	37 x 0.287	2.14	2.55	2.35	2.75	27.1	8.20	50
H-GM20-A017 (6145-12-185-3573) *	3055200117c	3.0 (12)	37 x 0.320	2.29	2.74	2.64	2.84	32.3	6.63	58
H-GM20-A009 (6145-12-199-4671) *	3055200109c	4.0	196 x 0.16	3.05	4.45	4.10	4.80	58	5.09	73
H-GM20-A010 (6145-12-307-4348) *	3055200110c	6.0	189 x 0.20	3.80	5.15	4.80	5.50	79	3.39	90
H-GM20-A011 (6145-12-188-2429) *	3055200111c	10	304 x 0.21	4.80	6.15	5.80	6.50	124	1.95	130
H-GM20-A012 (6145-12-307-4349) *	3055200112c	16	513 x 0.21	5.80	7.05	6.70	7.40	188	1.24	186

Core identification: White (0) as standard. Replace 'c' in the article number with digits below to select from available colours

9 Black	1 Brown	2 Red	3 Orange	4 Yellow	5 Green	6 Blue	7 Violet	8 Grey	0 White	-
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Marking None required unless stated on customer order

Characteristics and key properties

CE	UK CA	RoHS REACH LVD		Current rating IEC 60287	Fluid resistant Fuel Oil Water		Flame resistant		Smoke free	MBR Fixed = 5x Ø Flexing = 10x Ø
Approval VG95218 Type 20A	Codified NSN	Notes * NSN applies to White (0) core only						Temp low certified -55°C	Temp >6,000 hrs certified +150°C	

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