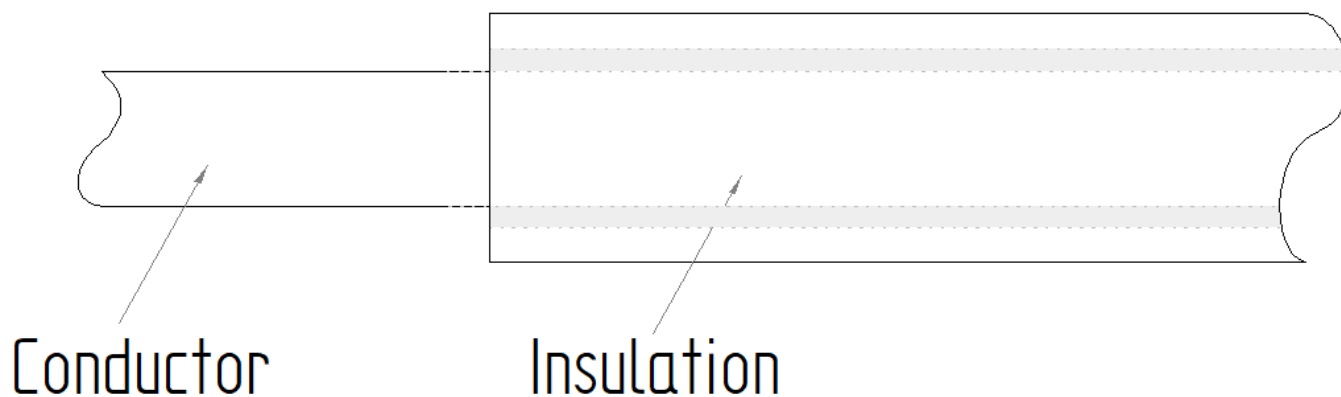


## Single Core Standard Range Type 1



### CABLE CHARACTERISTICS

Temperature Rating	-50°C to +120°C Max	Voltage Rating	600 Volt rms or 800V DC
Conductor	Solid or Stranded plated annealed copper wire in the size range 30-12AWG	Insulation	Flame retardant dual layer insulation
Resistance	Refer to table 1	Mass	Refer to table 1
Core Material	Tin Coated Annealed Copper	Bend Radius	Flexible applications - 10 times overall diameter Fixed applications - 4 times overall diameter
Core Diameter	Refer to table 1	Colour ***	Refer to table 2
Flame Test	Def Stan 61-12 Pt 18 Clause 10.1.1		

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**Table 1**

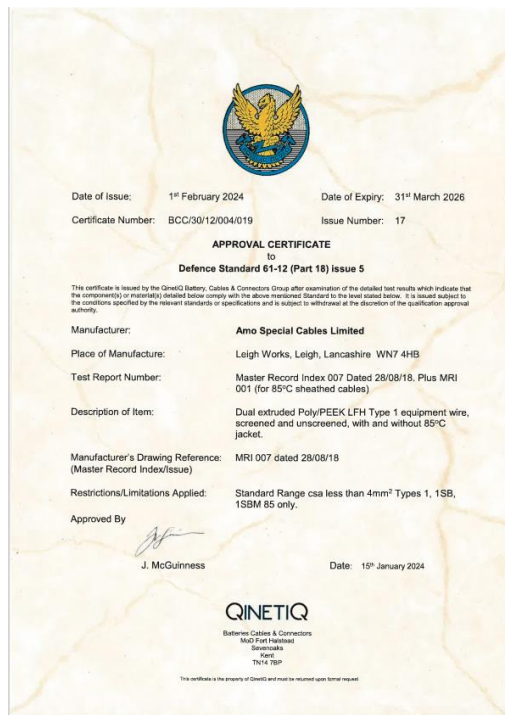
Amokabel Part number	Conductor			Insulation Thickness			Conductor Resistance	Weight
	Size AWG	Strand (x/mm)	Nominal Cross Section Area (mm <sup>2</sup> )	Minimum thickness at any point (mm)	Min (mm)	Max (mm)	Max (Ω/km @ 20°C)	Nom (kg/100m)
SPC06840A***	30	1/0.25	0.05	0.15	0.55	0.70	383.5	0.092
SPC06841A***	26	1/0.40	0.12	0.15	0.70	0.85	145.6	0.200
SPC06842A***	23	1/0.60	0.28	0.15	0.90	1.05	64.0	0.395
SPC06843A***	19	1/0.90	0.63	0.15	1.20	1.35	28.5	0.790
SPC06844A***	30	7/0.10	0.055	0.15	0.60	0.75	336.0	0.110
SPC06845A***	28	7/0.12	0.079	0.15	0.65	0.80	259.0	0.150
SPC06828A***	26	19/0.10	0.15	0.15	0.80	0.95	141.5	0.290
SPC01436A***	24	19/0.12	0.2	0.15	0.90	1.05	95.6	0.345
SPC01429A***	22	19/0.15	0.35	0.15	1.05	1.20	60.0	0.490
SPC01428A***	20	19/0.20	0.6	0.15	1.30	1.50	33.2	0.756
SPC01427A***	18	19/0.25	1.0	0.15	1.55	1.75	21.1	1.04
SPC01435A***	16	19/0.30	1.5	0.15	1.80	2.00	14.5	1.65
SPC01426A***	14	37/0.25	2.0	0.20	2.15	2.35	10.9	2.07
SPC01430A***	12	37/0.30	2.5	0.20	2.50	2.70	7.6	2.71

A\*\*\* - Denotes colour.

**Table 2**

Colour	***
RED	001
BLACK	002
WHITE	003
BLUE	004
GREEN	005
YELLOW	006
BROWN	007
GREY	008
ORANGE	009
PINK	012
VIOLET	015
GREEN / YELLOW	184
Other bi-colours	RFI

RFI = Request for Information



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### Standard Range Type 1 Unscreened

Conductor Size	NATO STOCK NUMBER 6145-99-											
	RED	BLUE	GREEN	YELLOW	BLACK	WHITE	BROWN	VIOLET	ORANGE	GREY	PINK	YELLOW Green
1/0.25	891-9431	891-9432	891-9433	891-9434	891-9435	891-9436	891-9437	891-9438	891-9439	891-9440	891-9441	891-9442
1/0.40	891-9443	891-9444	891-9445	891-9446	891-9447	891-9448	891-9449	891-9450	891-9451	891-9452	891-9453	891-9454
1/0.60	891-9455	891-9456	891-9457	891-9458	891-9459	891-9460	891-9461	891-9462	891-9463	891-9464	891-9465	891-9466
1/0.90	891-9467	891-9468	891-9469	891-9470	891-9471	891-9472	891-9473	891-9474	891-9475	891-9476	891-9477	891-9478
7/0.10	891-9479	891-9480	891-9481	891-9482	891-9483	891-9484	891-9485	891-9486	891-9487	891-9488	891-9489	891-9490
7/0.12	891-9491	891-9492	891-9493	891-9494	891-9495	891-9496	891-9497	891-9498	891-9499	891-9500	891-9501	891-9502
19/0.10	891-9503	891-9504	891-9505	891-9506	891-9507	891-9508	891-9509	891-9510	891-9511	891-9512	891-9513	891-9514
19/0.12	891-9515	891-9516	891-9517	891-9518	891-9519	891-9520	891-9521	891-9522	891-9523	891-9524	891-9525	891-9526
19/0.15	891-9527	891-9528	891-9529	891-9530	891-9531	891-9532	891-9533	891-9534	891-9535	891-9536	891-9537	891-9538
19/0.20	891-9539	891-9540	891-9541	891-9542	891-9543	891-9544	891-9545	891-9546	891-9547	891-9548	891-9549	891-9550
19/0.25	891-9551	891-9552	891-9553	891-9554	891-9555	891-9556	891-9557	891-9558	891-9559	891-9560	891-9561	891-9562
19/0.30	891-9563	891-9564	891-9565	891-9566	891-9567	891-9568	891-9569	891-9570	891-9571	891-9572	891-9573	891-9574
37/0.25	891-9575	891-9576	891-9577	891-9578	891-9579	891-9580	891-9581	891-9582	891-9583	891-9584	891-9585	891-9586
37/0.30	891-9587	891-9588	891-9589	891-9590	891-9591	891-9592	891-9593	891-9594	891-9595	891-9596	891-9597	891-9598

### Standard Range Type 1 Screened

CONDUCTOR SIZE	ITEM TYPE	NATO STOCK NUMBER 6145-99-	
		TYPE 1SB	
		PINK INSULATION	WHITE INSULATION
19/0.10	CABLE	891-9799	891-9800
19/0.12	SPECIAL	891-9803	891-9804
19/0.15	PURPOSE	891-9807	891-9808
19/0.20	ELECTRICAL	891-9811	891-9812
19/0.25	CABLE	891-9815	891-9816
19/0.30	POWER	891-9819	891-9820
37/0.25	ELECTRICAL	891-9823	891-9824
37/0.30		891-9827	891-9828

Diameter of braiding strands, maximum,  
 0.11 mm for cables of conductor size up to and including 19/0.2mm,  
 0.13 mm for cables of conductor size of 19/0.25mm and above.  
 Ends per spindle minimum 3.  
 Filling Factor, minimum 0.5.

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