



# K. LACEY WIRES AND CABLES

## MINYVIN

### MANUFACTURED TO BSG 195

#### CONSTRUCTION

Tinned Copper Conductors, insulated with a PVC Compound and Glass Braid. Covered with an outer protective covering of Nylon.

#### SPECIFICATION

BSG 195

#### SCOPE

Suitable for use in circuits in which the voltage between conductors, between a metal braid surrounding it and between a conductor and the aircraft structure nowhere exceeds 300V (r.m.s.) and where the frequency does not exceed 1600 c/s. Good moisture and abrasion resistance. Good resistance to fuels, oils and alkalis. -75°C to +105°C. Flexible down to -30°C. (Improved flexibility over Uninyvin type cable).

Size  AWG	Conductor				Cable	
	Area mm <sup>2</sup>	Strand inches	Dia. Nom. inches	Max. Resistance @20°C Ω / 1000yds	O/Dia. Nom. mm	Approx Weight. Kg/Km
<b>22</b>	0.347	19/0.006	0.031	49.66	1.55	5.13
<b>20</b>	0.556	19/0.0076	0.039	30.95	1.80	7.63
<b>18</b>	0.966	33/0.0076	0.050	17.82	2.20	11.90
<b>16</b>	1.17	40/0.0076	0.058	14.70	2.40	14.40
<b>14</b>	2.05	70/0.0076	0.074	08.41	2.95	23.66
<b>12</b>	3.22	110/0.0076	0.093	05.35	3.35	35.00

#### CURRENT RATING TABLES (Ratings in amperes, cable bunched in free air)

Max. continuous rating					Max. 5 minute rating					Max. 1 minute rating				
Number of Cables;					Number of Cables;					Number of Cables;				
AWG	1	3	7	12	AWG	1	3	7	12	AWG	1	3	7	12
<b>22</b>	11	7	5	4	<b>22</b>	12	8	7	6	<b>22</b>	15	12	9	9
<b>20</b>	14	9	7	5	<b>20</b>	16	12	9	8	<b>20</b>	22	19	15	15
<b>18</b>	18	13	10	6	<b>18</b>	23	17	13	12	<b>18</b>	30	26	19	18
<b>16</b>	21	15	11	7	<b>16</b>	25	19	14	13	<b>16</b>	33	28	26	25
<b>14</b>	31	24	17	12	<b>14</b>	36	28	24	21	<b>14</b>	50	47	43	42
<b>12</b>	43	30	22	15	<b>12</b>	50	38	32	30	<b>12</b>	72	67	62	60

## CONTACT US NOW FOR A QUOTATION

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