



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 ²	Strand inches	Dia. Nom. inches	Max. Resistance @20°C Ω / 1000yds	O/Dia. Nom. mm	Approx Weight. Kg/Km
22	0.347	19/0.006	0.031	49.66	1.55	5.13
20	0.556	19/0.0076	0.039	30.95	1.80	7.63
18	0.966	33/0.0076	0.050	17.82	2.20	11.90
16	1.17	40/0.0076	0.058	14.70	2.40	14.40
14	2.05	70/0.0076	0.074	08.41	2.95	23.66
12	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
22	11	7	5	4	22	12	8	7	6	22	15	12	9	9
20	14	9	7	5	20	16	12	9	8	20	22	19	15	15
18	18	13	10	6	18	23	17	13	12	18	30	26	19	18
16	21	15	11	7	16	25	19	14	13	16	33	28	26	25
14	31	24	17	12	14	36	28	24	21	14	50	47	43	42
12	43	30	22	15	12	50	38	32	30	12	72	67	62	60

NOTE ;

Minyvin cable is now obsolete and unless we are still holding stock, an alternative cable will be offered. Data sheet is for information only.

CONTACT US NOW FOR A QUOTATION

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INFORMATION GIVEN IS BASED ON GENERAL EXPERIENCE ONLY AND IS GIVEN IN GOOD FAITH. NO WARRANTY IS GIVEN WITH RESPECT TO THE INFORMATION AND USERS MUST DETERMINE THE SUITABILITY OF THE PRODUCT PRIOR TO ANY PARTICULAR USE.
AS9120 Rev A and ISO9001:2008 APPROVED BSI. RS000146 BAE APPROVED