

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

CONTACT US NOW FOR A QUOTATION

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