

BMS CABLE, PVC INSULATED, AL-MYLAR OVERALL SHIELDED — EN 50288-7

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STANDARD FOLLOWS

EN 50288-7

EN 50288-1

EN 60228

EN 60332-1-2

NOTES

- As per the application/identification requirement, other colour also available on request.

ORDERING & ITEM CODE

NOT REGISTERED

The Indo Cables item master carries no BMS line — no line code, no items. Codes for this product cannot be looked up or derived until the Item Master Steward assigns a line code. Suggested pattern, following the instrumentation structure: IC-<LINE>-<CORES>-<SIZE>-FC-Y-<DESIG>-0300-EN50288P7-0SCR. Quote by description until registered.

WEIGHT & DIMENSION DATA

300 VOLTS, MULTI CORE, FLEX.COPPER, PVC TYPE A INSULATED, ALUMINIUM MYLAR TAPED OVERALL SHIELDED, UNARMoured BMS CABLES AS PER EN 50288-7

AREA OF CONDUCTOR	NO. OF CORE	MIN. THICKNESS OF INSULATION	NOMINAL THICKNESS OF OUTER SHEATH	NOMINAL OVERALL DIAMETER	APPROX. WEIGHT
Sq mm	—	mm	mm	mm	kg/km
0.5	2	0.26	0.83	4.79	35
0.5	3	0.26	0.83	5.03	43
0.5	4	0.26	0.85	5.44	51
0.5	5	0.26	0.87	5.87	59
0.5	6	0.26	0.8	6.33	68
0.5	7	0.26	0.88	6.33	74
0.5	8	0.26	0.91	7.03	84
0.5	10	0.26	0.94	7.88	101
0.5	12	0.26	0.95	8.13	115
0.5	16	0.26	0.98	8.96	144
0.5	18	0.26	1.00	9.43	159
0.5	19	0.26	1.00	9.43	165
0.5	20	0.26	1.02	9.94	175
0.5	24	0.26	1.05	10.97	207
0.75	2	0.26	0.84	5.23	43
0.75	3	0.26	0.85	5.51	53
0.75	4	0.26	0.87	5.97	64
0.75	5	0.26	0.89	6.47	75
0.75	6	0.26	0.91	7.00	87
0.75	7	0.26	0.91	7.00	95
0.75	8	0.26	0.94	7.79	109
0.75	10	0.26	0.97	8.77	133
0.75	12	0.26	0.98	9.05	151
0.75	16	0.26	1.02	10.00	192
0.75	18	0.26	1.04	10.53	213
0.75	19	0.26	1.04	10.53	221



ISO 9001
Cert. 99 100 22646 (TÜV SÜD)



ISI
BIS CM/L 6200267409 (IS 7098 Pt-1)



RoHS
Compliant



REACH
Compliant



Make in India
Manufactured in India

0.75	20	0.26	1.06	11.12	234
0.75	24	0.26	1.10	12.30	278
1	2	0.26	0.86	5.60	50
1	3	0.26	0.87	5.92	63
1	4	0.26	0.89	6.42	77
1	5	0.26	0.91	6.97	91
1	6	0.26	0.93	7.56	106
1	7	0.26	0.93	7.56	116
1	8	0.26	0.96	8.44	133
1	10	0.26	1.00	9.51	163
1	12	0.26	1.01	9.82	187
1	16	0.26	1.05	10.88	238
1	18	0.26	1.07	11.47	265
1	19	0.26	1.07	11.47	276
1	20	0.26	1.10	12.11	292
1	24	0.26	1.15	13.42	347
1.5	2	0.35	0.89	6.58	66
1.5	3	0.35	0.91	6.97	85
1.5	4	0.35	0.93	7.60	106
1.5	5	0.35	0.96	8.29	127
1.5	6	0.35	0.98	9.02	148
1.5	7	0.35	0.98	9.02	164
1.5	8	0.35	1.02	10.12	189
1.5	10	0.35	1.07	11.46	232
1.5	12	0.35	1.09	11.85	268
1.5	16	0.35	1.14	13.17	344
1.5	18	0.35	1.16	13.90	383
1.5	19	0.35	1.16	13.90	399
1.5	20	0.35	1.19	14.71	423
1.5	24	0.35	1.25	16.35	504

For Cables of sizes or cores not listed above the product data is available on request. Dimensions & Weights are representative figures and may vary.

FLAGGED

0.5 sq mm, 6 core, outer sheath thickness: the source PDF (Doc 00495, Rev 00, 27-12-2023) prints a truncated 0. — most plausibly 0.88, matching the 7-core row at the same 6.33 mm diameter. Reproduced exactly as written; confirm before publishing.



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ELECTRICAL PARAMETER

AREA OF CONDUCTOR	MAX. DC RESISTANCE OF CONDUCTOR AT 20°C — PLAIN WIRES	INSULATION RESISTANCE (PVC)	MUTUAL CAPACITANCE (PVC)	INDUCTANCE TO RESISTANCE RATIO (L/R)
Sq. mm	Ohm/km	MΩ/Km	nF/Km	μH/Ω
0.5	39	10	< 250	< 25
0.75	26	10	< 250	< 25
1	19.5	10	< 250	< 25
1.5	13.3	10	< 250	< 40