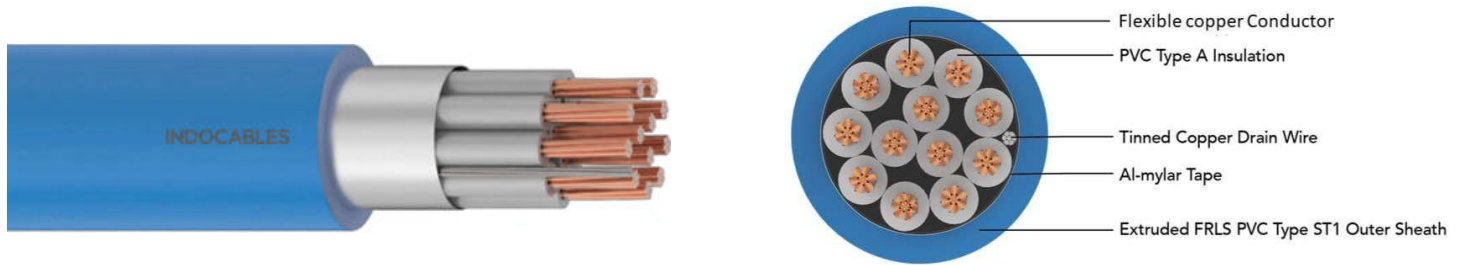


BMS CABLE · BMS 500 MC-A7 · 500 V

INDOCABLES BMS 500 MC-A7

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

VOLTAGE RATING	STANDARD	CONDUCTOR	SCREEN	BENDING RADIUS
500 V	EN 50288-7	Flex. Class 5	Al-Mylar	12 × OD



Images not to scale. Follow table for dimensions

APPLICATION

INDOCABLES BMS 500 MC-A7, Flexible copper conductor, PVC insulated, Al-mylar shielded unarmoured and FRLS sheathed cable confirming to EN 50288-7 are designed for transmission of analogue and digital signals in Building management system. INDOCABLES BMS 500 MC-A7 cables are used for diverse applications for control and monitoring of service provided within the building.

CONSTRUCTION

- Flexible (Class 5) Copper conductor as per EN 60228
- Insulated with PVC Type A as per EN 50288-7
- Collective screen Al/PET (Aluminium/Polyester tape) with drain wire of tinned Cu
- Sheathed with Extruded PVC FRLS

OUTSTANDING FEATURES


HIGH LIFE


FLAME RETARDANT


FLEXIBLE


LOW SMOKE

CHARACTERISTICS

Voltage Rating	500 V
Operation Temperature	Max.: PVC 70°C
Bending Radius	12 x Overall diameter

CORE IDENTIFICATION

Core	White/Grey core with number printing
Outer sheath colour	Blue

COMPLIANCE

Conductor resistance	EN 60228
Insulation resistance	EN 50288-7
L/R Ratio	EN 50288-7
Mutual capacitance	EN 50288-7


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

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>-0500-EN50288P7-0SCR. Quote by description until registered.

WEIGHT & DIMENSION DATA

500 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	0.44	0.85	5.56	42
0.5	3	0.44	0.87	5.87	51
0.5	4	0.44	0.88	6.38	61
0.5	5	0.44	0.90	6.92	72
0.5	6	0.44	0.93	7.50	83
0.5	7	0.44	0.93	7.50	90
0.5	8	0.44	0.96	8.37	103
0.5	10	0.44	1.00	9.44	125
0.5	12	0.44	1.01	9.74	142
0.5	16	0.44	1.05	10.79	178
0.5	18	0.44	1.07	11.37	197
0.5	19	0.44	1.07	11.37	205
0.5	20	0.44	1.09	12.01	217
0.5	24	0.44	1.14	13.31	257
0.75	2	0.44	0.87	6.01	50
0.75	3	0.44	0.88	6.35	62
0.75	4	0.44	0.90	6.91	75
0.75	5	0.44	0.93	7.52	89
0.75	6	0.44	0.95	8.16	103
0.75	7	0.44	0.95	8.16	113
0.75	8	0.44	0.99	9.13	130
0.75	10	0.44	1.03	10.32	158
0.75	12	0.44	1.04	10.67	181
0.75	16	0.44	1.09	11.83	230
0.75	18	0.44	1.11	12.48	255
0.75	19	0.44	1.11	12.48	265



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0.75	20	0.44	1.14	13.19	281
0.75	24	0.44	1.19	14.63	333
1	2	0.44	0.88	6.38	58
1	3	0.44	0.90	6.76	72
1	4	0.44	0.92	7.36	89
1	5	0.44	0.95	8.02	106
1	6	0.44	0.97	8.72	123
1	7	0.44	0.97	8.72	135
1	8	0.44	1.01	9.78	156
1	10	0.44	1.06	11.07	190
1	12	0.44	1.07	11.44	218
1	16	0.44	1.12	12.71	279
1	18	0.44	1.14	13.41	310
1	19	0.44	1.14	13.41	322
1	20	0.44	1.17	14.18	342
1	24	0.44	1.23	15.75	406
1.5	2	0.44	0.91	6.97	71
1.5	3	0.44	0.92	7.39	91
1.5	4	0.44	0.95	8.07	113
1.5	5	0.44	0.97	8.81	135
1.5	6	0.44	1.00	9.60	158
1.5	7	0.44	1.00	9.60	175
1.5	8	0.44	1.05	10.79	201
1.5	10	0.44	1.10	12.24	248
1.5	12	0.44	1.12	12.66	286
1.5	16	0.44	1.17	14.08	367
1.5	18	0.44	1.20	14.88	409
1.5	19	0.44	1.20	14.88	426
1.5	20	0.44	1.23	15.75	452
1.5	24	0.44	1.30	17.51	539
2.5	2	0.53	0.96	8.34	102
2.5	3	0.53	0.98	8.87	134
2.5	4	0.53	1.01	9.73	168
2.5	5	0.53	1.04	10.66	203
2.5	6	0.53	1.08	11.66	240
2.5	7	0.53	1.08	11.66	268
2.5	8	0.53	1.14	13.15	309
2.5	10	0.53	1.20	14.98	382
2.5	12	0.53	1.22	15.51	443
2.5	16	0.53	1.29	17.30	574
2.5	18	0.53	1.33	18.30	641
2.5	19	0.53	1.33	18.30	669



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

ELECTRICAL PARAMETER