

M E S C
Middle East Specialized Cable Co.
SINGLE CORE, NON-SHEATHED PVC CABLE



APPLICATION: These cables are used for the purpose of lighting in residential and commercial building in surface mounted or embedded conduits. Suitable for voltages up to 1000 AC or up to 750 to earth DC when used for fixed installation inside appliances, switchgear and control gear.

Specification: BSEN 50525-2-31, IEC 60227

CONSTRUCTION:

1. Conductor	Plain annealed copper stranded as per class 2 of IEC60228. H07V2-R and H05V2-R corresponds to stranded conductor.
2. Insulation	PVC type TI 3 as per BS7655
3. Printing Text (Example)	MESC CU/PVC 1.5 450/750 V 90C

TECHNICAL DATA:

1. Temperature Range	-25°C to + 90°C
2. Working Voltage	300/500V up to 1.0 mm ² 450/750V for 1.5 mm ² and above
3. Conductor Resistance	As per Class 2 of IEC60228
4. Flame Retardance	IEC60332-1

DIMENSIONAL DETAILS:

NO.	*MESC CODE (For Green/Yellow color)	SIZE (Sq. mm)	NO. OF STRANDS	INSULATION THICKNESS (mm)	APPROX. O. D. (mm)	APPROX. WEIGHT (kg/km)
	7C11-01C00150-U0YG8-00	1.5	7	0.7	3.1	22
	7C11-01C00250-U0YG8-00	2.5	7	0.8	3.7	34
	7C11-01C00400-U0YG8-00	4	7	0.8	4.2	51
	7C11-01C00600-U0YG8-00	6	7	0.8	4.8	71
	7C11-01C01000-U0YG8-00	10	7	1.0	6.2	119
	7C11-01C01600-U0YG8-00	16	7	1.0	7.2	179
	7C11-01C02500-U0YG8-00	25	7	1.2	8.9	281
	7C11-01C03500-U0YG8-00	35	7	1.2	10.1	379
	7C11-01C05000-U0YG8-00	50	19	1.4	11.8	509
	7C11-01C07000-U0YG8-00	70	19	1.4	13.6	717
	7C11-01C09500-U0YG8-00	95	19	1.6	16.0	990
	7C11-01C12000-U0YG8-00	120	37	1.6	17.6	1227
	7C11-01C15000-U0YG8-00	150	37	1.8	19.5	1510
	7C11-01C18500-U0YG8-00	185	37	2.0	21.8	1840
	7C11-01C24000-U0YG8-00	240	37	2.2	24.8	2395
	7C11-01C30000-U0YG8-00	300	61	2.4	27.0	2948
	7C11-01C40000-U0YG8-00	400	61	2.6	30.2	3734

**For other color than Green/Yellow, please replace YG in the code by 'BL' for Blue, 'BN' for brown, 'GN' for Green, 'GY' for Grey, 'OR' for Orange, 'PK' for Pink, 'RD' for Red, 'TR' for Turquoise, 'VT' for Violet, 'WT' for White, 'BK' for Black and 'YL' for Yellow.*

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