

M E S C
 Middle East Specialized Cables
FLEXIBLE PVC CABLE
NYMHY



APPLICATION	: These cables are suitable for all electrical installations in dry or humid locations, under industrial conditions, but not in the open air. Applications include machine tool manufacture, power stations, heating and air conditioning installations etc.
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Specification: Gen. to IEC 60227-5 & EN50525-2-11

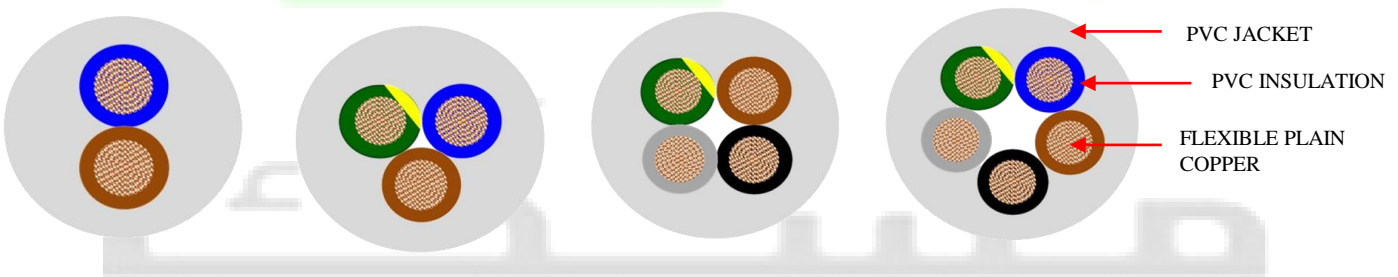
CONSTRUCTION:

1. Conductor	: Annealed plain copper stranded as per class 5 of IEC-228.
2. Insulation	: PVC Type TI-2 as per BS-7655.
3. Core Identification	: Two core : Blue & Brown Three core : Green/Yellow, Blue & Brown Four core : Green/Yellow, Brown, Black & Grey Five core : Green/Yellow, Blue, Brown, Black & Grey
4. Assembly	: Cores twisted together to make a round assembly with fillers wherever necessary.
5. Outer sheath	: PVC Type TM-2 as per BS-6746. Our standard colour is White, but any other colour can be supplied on request.

TECHNICAL DATA:

Temperature Range	: - 25°C to + 70°C
Working voltage	: 300/500 volts. R.M.S. up to 4 mm ² & 450/750 for 6.00mm ² & above
Conductor Resistance	: As per class 5 of IEC-228.
Maximum short circuit temperature	: 160°C (max. duration 5 Sec.)
Current carrying capacity	: at 30°C

CROSS SECTION DRAWING:



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MESC CODE	CORES	SIZE	APPROX. O. D.	APPROX. WEIGHT
	No.	Sq. mm	mm	Kg / Km
5481-02C00600-U0WT1-00	2	6.0	11.7	240
5481-02C01000-U0WT1-00	2	10	15.3	430
5481-02C01600-U0WT1-00	2	16	19.2	660
5481-02C02500-U0WT1-00	2	25	23.3	985
5481-02C03500-U0WT1-00	2	35	26.4	1297
5481-02C05000-U0WT8-00	2	50	31.3	1830
5481-02C07000-U0WT8-00	2	70	35.9	2500
5481-02C09500-U0WT8-00	2	95	40.3	3210
5481-03C00600-U0WT1-00	3	6.0	12.8	322
5481-03C01000-U0WT1-00	3	10	16.4	534
5481-03C01600-U0WT1-00	3	16	19.3	781
5481-03C02500-U0WT1-00	3	25	22.8	1148
5481-03C03500-U0WT1-00	3	35	26.0	1550
5481-03C05000-U0WT8-00	3	50	30.7	2191
5481-03C07000-U0WT8-00	3	70	35.0	3058
5481-03C09500-U0WT8-00	3	95	40.1	4019
5481-04C00600-U0WT1-00	4	6.0	14.0	396
5481-04C01000-U0WT1-00	4	10	17.9	657
5481-04C01600-U0WT1-00	4	16	21.0	965
5481-04C02500-U0WT1-00	4	25	25.6	1465
5481-04C03500-U0WT8-00	4	35	28.5	1932
5481-04C05000-U0WT8-00	4	50	33.7	2734
5481-04C07000-U0WT8-00	4	70	39.1	3896
5481-05C00600-U0WT1-00	5	6.0	15.4	363
5481-05C01000-U0WT1-00	5	10	20.3	818
5481-05C01600-U0WT1-00	5	16	23.4	1212
5481-05C02500-U0WT8-00	5	25	28.1	1761
5481-05C03500-U0WT8-00	5	35	32.0	2378

