

HO5VV-F	NYMHY
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APPLICATION	:	These cables are useful for use in dry or damp locations for medium duties in domestic premises, kitchens, and offices. Suitable for washing machines, refrigerators etc. Can be used for cooking and heating appliances provided that the cable does not come in contact with the hot parts.
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Specification: BSEN 50525-2-11, VDE-0250 & IEC 60227-5

CONSTRUCTION:

1. Conductor	:	Annealed plain copper stranded as per class 5 of IEC-228.												
2. Insulation	:	PVC Type TI-2 as per BS-6746.												
3. Core Identification	:	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Two core</td> <td style="width: 5%; text-align: center;">:</td> <td>Blue & Brown</td> </tr> <tr> <td>Three core</td> <td style="text-align: center;">:</td> <td>Green/Yellow, Blue & Brown</td> </tr> <tr> <td>Four core</td> <td style="text-align: center;">:</td> <td>Green/Yellow, Brown, Black & Grey</td> </tr> <tr> <td>Five core</td> <td style="text-align: center;">:</td> <td>Green/Yellow, Blue, Brown, Black & Grey</td> </tr> </table>	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
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. <i>(to replace "WT" in MES C CODE by "BK" for BLACK)</i>												

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-60228.
Maximum short circuit temperature	:	160°C (max. duration 5 Sec.)
Current carrying capacity	:	at 30°C

AREA (mm ²)	SINGLE PHASE (A)	THREE PHASE (A)
0.50	3	3
0.75	6	6
1.0	10	10
1.5	16	16
2.5	25	20
4.0	32	25

Correction factor for ambient temperature:

Ambient temperature	:	35°C	40°C	45°C	50°C	55°C
Correction factor	:	0.96	0.92	0.87	0.71	0.50

DIMENSION AND WEIGHT:

MESC CODE	CORES	SIZE	MAX. STRANDS DIA.	INSULATION THICKNESS	SHEATH THICK.	APPROX. O. D.	APPROX. WEIGHT
	No.	Sq. mm	mm	mm	mm	mm	Kg / Km
5481-02C00075-U0WT1-00	2	0.75	0.21	0.6	0.8	6.5	61
5481-02C00100-U0WT1-00	2	1.0	0.21	0.6	0.8	6.8	70
5481-02C00150-U0WT1-00	2	1.5	0.26	0.7	0.8	7.7	91
5481-02C00250-U0WT1-00	2	2.5	0.26	0.8	1.0	9.4	139
5481-02C00400-U0WT1-00	2	4.0	0.31	0.8	1.1	10.7	180
5481-03C00075-U0WT1-00	3	0.75	0.21	0.6	0.8	6.6	73
5481-03C00100-U0WT1-00	3	1.0	0.21	0.6	0.8	7.0	85
5481-03C00150-U0WT1-00	3	1.5	0.26	0.7	0.8	8.0	108
5481-03C00250-U0WT1-00	3	2.5	0.26	0.8	1.1	9.7	160
5481-03C00400-U0WT1-00	3	4.0	0.31	0.8	1.1	11.3	224
5481-04C00075-U0WT1-00	4	0.75	0.21	0.6	0.9	7.7	91
5481-04C00100-U0WT1-00	4	1.0	0.21	0.6	0.9	8.1	106
5481-04C00150-U0WT1-00	4	1.5	0.26	0.7	1.0	9.3	142
5481-04C00250-U0WT1-00	4	2.5	0.26	0.8	1.1	11.1	211
5481-04C00400-U0WT1-00	4	4.0	0.31	0.8	1.2	12.6	278
5481-05C00075-U0WT8-00	5	0.75	0.21	0.6	0.9	8.1	107
5481-05C00100-U0WT8-00	5	1.0	0.21	0.6	0.9	8.6	125
5481-05C00150-U0WT8-00	5	1.5	0.26	0.7	1.1	10.1	170
5481-05C00250-U0WT8-00	5	2.5	0.26	0.8	1.2	12.0	250
5481-05C00400-U0WT8-00	5	4.0	0.31	0.8	1.3	13.7	344

Packing: 100 Yards coils. For wooden drums of 500/1000M length replace "1" at the end of the code by "8"

100 Yards coils ("1")

500/1000 M wooden drums ("8")

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