

HO3VV-F

NYLHY

Application : These cables are useful for use in domestic premises, kitchens, and offices for light duties for light portable appliances. These cables can be used in applications where extra flexibilities is required provided there is no danger of damage. Not suitable for cooking or heating appliances.

Specification: BS 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 | : 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. |
| 6. Printing Text on outer sheath (example) | H03VV-F PVC/PVC (NYLHY) 3 X 0.5 MM2 300/300V MESC YEAR METER MARKING |

TECHNICAL DATA:

| | |
|--|--------------------------------|
| Temperature Range | : - 25°C to + 70°C |
| Working voltage | : 300 / 300 volts. R.M.S. |
| 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 |

| AREA (mm ²) | SINGLE PHASE (A) | THREE PHASE (A) |
|----------------------------|---------------------|--------------------|
| 0.5 | 3 | 3 |
| 0.75 | 6 | 6 |

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 |

| MESC CODE | CORES | SIZE | MAX. STRANDS | INSULATION | SHEATH | APPROX. | APPROX. |
|---------------------|-------|--------|----------------|-----------------|-----------------|-------------|-------------------|
| | No. | Sq. mm | DIAMETER mm | THICKNESS mm | THICKNESS mm | O. D. mm | WEIGHTT. kg/km |
| 5381-02C00050-U0WT1 | 2 | 0.5 | 0.21 | 0.5 | 0.6 | 5.2 | 40 |
| 5381-02C00075-U0WT1 | 2 | 0.75 | 0.21 | 0.5 | 0.6 | 5.7 | 49 |
| 5381-03C00050-U0WT1 | 3 | 0.5 | 0.21 | 0.5 | 0.6 | 5.6 | 48 |
| 5381-03C00075-U0WT1 | 3 | 0.75 | 0.21 | 0.5 | 0.6 | 6.0 | 60 |
| 5381-04C00050-U0WT1 | 4 | 0.5 | 0.21 | 0.5 | 0.6 | 6.1 | 58 |
| 5381-04C00075-U0WT1 | 4 | 0.75 | 0.21 | 0.5 | 0.6 | 6.6 | 72 |

Packing: Supplied in Shrinked Wrapped Rolls of 100 Yards. 500/1000 Mtrs. Wooden Drums can be supplied on demand.

