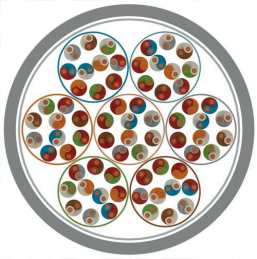


# PART NO. 638012UNE

J-02YH Indoor Telephone Cable, 12 x 2 x 0.8 mm

## Detailed Specifications & Technical Data

### CROSS SECTION



1 Conductor
2 Insulation
3 Stranding
4 Wrapping
5 Outer Jacket

### CABLE CONSTRUCTION

| | |
|---|---|
| Conductor | : Class 1 electrolytic solid copper (IEC 60228, DIN VDE 0295, EN 60228) |
| Insulation | : Color coded foam skin polyethylene cladded with solid polyethylene (TS EN 60708) |
| Stranding | : In layers up to 10 pairs, 20 pairs to 100 pairs consist of stranding of 10 pair groups wrapped with polypropylene identification tape |
| Wrapping | : A non-hygroscopic and dielectric polyester tape is applied on the cable core longitudinally or helically. (More than 10 pairs) |
| Outer Jacket | : UV resistant halogen-free outer jacket. RAL 7035 (Grey) |

### TECHNICAL DATA

| | |
|---|---|
| Conductor Diameter | : 0.80 mm |
| Conductor Resistance Ω/km (20 °C) | : 37.0 |
| Insulation Resistance (@500V DC) MΩ/km | : 5000 |
| Mutual Capacitance nF/km | : 51 |
| Capacitance Unbalance pF/500 m | : 400 |
| Test Voltage (@ 1 minute) V DC | : 1000 |

### STANDARDS

| | |
|---|---|
| Smoke Density Test | : IEC 61034-2, VDE 0482-1034-2, BS EN 61034-2 |
| Corrosive Gas Test | : IEC 60754-2, VDE 0482-267-2-3, BS EN 50267-2-3 |
| Flame Propagation Test | : IEC 60332-3-24, VDE 0482-332-3-24, EN 60332-2-24 |
| Flame Retardancy Test | : IEC 60332-1-2, VDE 0482-332-1-2, BS EN 60332-1-2 |

### MECHANICAL CHARACTERISTICS

| | |
|---|---|
| Bending Radius | : 10xD mm |
| Temperature Range Operating | : -30°C ~ +70°C |

### CABLE TYPE DATA

| CAMCOM Part No. | Pair Count | Conductor Diameter (mm) | Approx. Cable Diameter (mm) | Copper Weight (kg/km) | Approx. Weight (kg/km) | Packing Lengths (m) |
|---|---|---|---|---|---|---|
| 638012UNE | 12 | 0.8 | 11.6 | 122.7 | 178 | 100/500/1000 |

### PRODUCT VIEW




**Camcom** is proud to be certified by

Frame Offices - HQ, Alexanderveld 5-9,
2585 DB, Den Haag, Netherlands
+31708910864
sales@camcom.co.nl

Designed in Netherlands & Produced Globally.

Prepared By : Steve Smith

Disclamer :- Datasheet is subject to modification without prior notication

© Technovation Alliance Enterprise B.V.