

# PART NO. 539854UND

JE-HH...Bd FE180 / E30-E60-E90 / PH120 Fire Resistant Cable, 4 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 | : Cross-linked polymer compound in ceramic form (VDE 0815) |
| Stranding | : Insulations are stranded into pairs, four pairs are stranded together into groups, groups are stranded in layers. |
| Wrapping | : Polyester tape, glass yarn tape |
| Outer Jacket | : UV resistant halogen-free outer jacket. RAL 2008 (Orange) |

### TECHNICAL DATA

| | |
|---|---|
| Conductor Diameter | : 0.80 mm |
| Conductor Resistance Ω/km (20 °C) | : 73.2 |
| Insulation Resistance (@500V DC) MΩ/km | : 100 |
| Mutual Capacitance nF/km | : 100 |
| Operating Voltage V DC | : 300 |
| Test Voltage (@ 1 minute) V DC | : 1000 |

### STANDARDS

| | |
|---|---|
| Circuit Integrity Test (FE180) | : IEC 60331-21 |
| Circuit Integrity with Shock Test (PH120) | : EN 50200, VDE 0482-200, BS EN 50200 |
| Cable System Circuit Integrity Test (E30 / E60 / E90) | : DIN 4102-12 E30 / E60 / E90 |

### MECHANICAL CHARACTERISTICS

| | |
|---|---|
| Bending Radius | : 10xD mm |
| Temperature Range Operating | : -40°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) |
|---|---|---|---|---|---|---|
| 539854UND | 4 | 0.8 | 9.1 | 38.1 | 95 | 100/500/1000 |

### PRODUCT VIEW




**Camcom** is proud to be certified by

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Disclaimer :- Datasheet is subject to modification without prior notication

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