

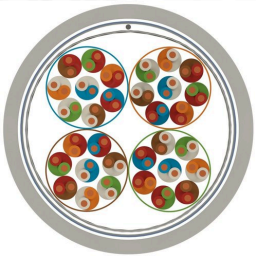
# PART NO. 630000FS

JE-2Y(St)H xDSL Telecom Cable

CAMCOM™

## Detailed Specifications & Technical Data

### CROSS SECTION



1 Conductor
2 Insulation
3 Stranding
4 Wrapping
5 Screen
6 Outer Jacket

### CABLE CONSTRUCTION

| | |
|---|---|
| Conductor | : Electrolytic solid copper conductor. |
| Insulation | : Solid polyethylene insulation |
| Stranding | : Pair stranding, pairs are stranded into groups. |
| Wrapping | : Polyester tape |
| Screen | : Tinned copper earthing wire, Al/PET tape |
| Outer Jacket | : EN 50290-2-27. UV resistant halogen-free outer jacket RAL 7035 (Grey) |

### TECHNICAL DATA

| | |
|---|---|
| Conductor Diameter Ω/km | : 146 |
| Insulation Resistance MΩxkm (500 V DC) | : 2000 |
| Mutual Capacitance nF/km | : 56 |
| Capacitance Unbalance | : %2 |
| Dielectric Strength V | : 1000 |
| Operating Voltage V | : 250 |
| Test Voltage V | : 1200 |
| Capacitance Unbalance pF/500m | : 200 |
| Characteristic Impedance Ω | : 100±10 |

### STANDARDS

| | |
|---|---|
| Smoke Density Test | : IEC 61034-2 VDE 0482-1034-2 EN 61034-2 |
| Corrosive Gas Test | : IEC 60754-2 VDE 0482-267-2-3 EN 50267-2-3 |
| Halogen-free Test | : IEC60754-1 VDE 0482-267-2-1 EN 50267-2-1 |
| Flame Retardancy Test | : IEC 60332-1-2 VDE 0482-332-1-2 EN 60332-1-2 |

### MECHANICAL CHARACTERISTICS

| | |
|---|---|
| Bending Radius | : 10xD mm |
| Temperature Range Operating | : -40°C~+70°C |

### CABLE TYPE DATA

| CAMCOM Part No. |
|---|
| 630000FS |

### ELECTRICAL PROPERTIES

| Frequency MHz | Insertion Loss dB/100m (Max.) | Near-end Crosstalk (NEXT) Loss dB (Min.) | Propagation Dela y 5 n/m |
|---|---|---|---|
| 1 | ≤30 | ≥55 | ≤6 |
| 10 | ≤100 | ≥45 | ≤5.7 |
| 16 | ≤110 | ≥40 | |
| 20 | ≤120 | ≥38 | |
| 30 | ≤160 | ≥35 | |

**Camcom** is proud to be certified by

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Designed in Netherlands & Produced Globally.

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Disclamer :- Datasheet is subject to modification without prior notication

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