

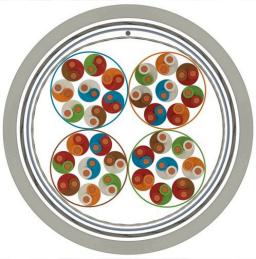
PART NO. 630000FB

JE-2Y(St)CH 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, tinned copper braiding
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

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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	

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Designed in Netherlands & Produced Globally.

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Disclaimer :- Datasheet is subject to modification without prior notication

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