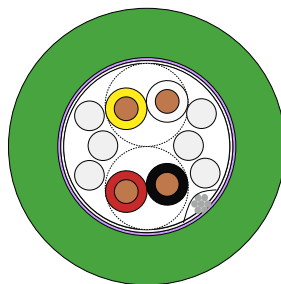


J-H(ST)2Y 2X2X0.8 GN



## Design

### Wire 2Y 0.8/1.4

Bare copper wire  
Insulation of Polyethylene (PE)

∅ 0.8 mm (0.031 in dia)  
∅ 1.4 mm (0,055 in dia)

2 wires twisted to a pair

### Core

2 pairs 2Y 2X1X0.8/1.4 (length of lay =5/m)  
fillers  
Sequence of colors: BK/RD-WH/YE  
Plastic tape, overlapped  
Stranded drain wire 0.14 mm<sup>2</sup> (7X0.16) tinned  
Alulaminat foil overlapped

∅ 4.7 mm (0.185 in dia)

### Jacket

Polyethylene (PE) GN

∅ (7.3 +0.4 -0.2) mm (0,287 +0,016 -0,008 in dia)

Printing: "sequential length in metres" BizLink Special Cables Germany - FWCS EIB Direct Burial 2x2x0.8  
"internal lot number"

## Electrical data at 20°C

Conductor resistance	≤	37	Ohm/km
Insulation resistance	≥	100	MOhm*km
Insulation resistance (at 70°C)	≥	0.011	MOhm*km
Operating voltage (U0/U)		250/250	V
Capacitance (wire/wire) 1 kHz	≤	90	pF/m
Test voltage			
wire and screen/cable surface rms 50Hz 1min		4	kV
wire and screen/cable surface rms 50Hz 5min		2.5	kV
wire/wire rms 50Hz 1min		1	kV
wire/screen rms 50Hz 1min		500	V
Near-end crosstalk attenuation			
1 KHz	≥	80	dB
10 KHz	≥	70	dB
100 KHz	≥	60	dB

### **Mechanical and thermal characteristics**

Conductor material acc. to DIN EN 13602 Cu-ETP-A...

Insulating material acc. to DIN EN 50290-2-23 (VDE 0819), table L/MD (HD 624.3) (2Y)

Jacket material acc. to DIN EN 50290-2-24 (VDE 0819), table 1/2-L/MD (HD 624.4)

### **Other characteristics**

RoHS compliant (Directive 2011/65/EU & 2015/863/EU RoHS 3)

Halogen free acc. to IEC 60754-1

UV-resistant

Permissible temperature range

Transport, installation and operating: -40 °C (-40 °F) up to 80 °C (176 °F)

Min. bending radius allowed : repeated 8X  $\varnothing$ , single 4X  $\varnothing$

Tensile stress :  $\leq$  140 N

Weight about : 50 kg/km (34 lb/1000ft)

### **Designation of order**

L45493-D49-A16

231246

J-H(ST)2Y 2X2X0.8 GN

500 m (1640 ft) on non-returnable reel

Product has not been tested and classified according to the CPR (EU/305/2011).

The product shall not be permanently installed in buildings in the EU.