

Product Specifications

Product Family	Zybrnet 10G
Category	Cat.6A
Product	Cat. 6A U/UTP LSZH 28AWG (Stranded)
Item no.	ZN6041xxxxx
Edition	1.0



Approvals

EIA/TIA-568.2-D ISO/IEC 11801 class Ea

Compliance

RoHS Compliant. EU Directive 2002/95/EC 

Applications & Features

-  2 colors
-  Certified up to 500MHz
-  10Gbit/s

Product codes by length & color

Length meter	Product code ZN6041xxxxx	
	Grey 	Black 
0.25	ZN604100002	ZN604150002
0.5	ZN604100005	ZN604150005
1.0	ZN604100010	ZN604150010
1.5	ZN604100015	ZN604150015
2.0	ZN604100020	ZN604150020
3.0	ZN604100030	ZN604150030
5.0	ZN604100050	ZN604150050



**Pictures only represent product colors*

Construction & Dimensions

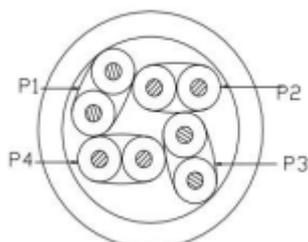
Conductor

- Size
- Material
- Construction

Insulation

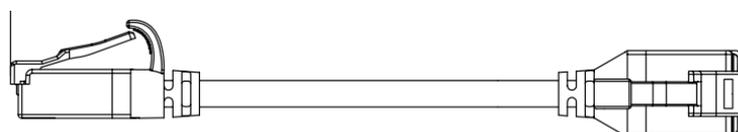
- Material
- Diameter
- Thickness
- Identification

Cross section



28 AWG X 4P
 Bare Copper Stranded
 7 / 0.127 mm

HDPE
 0.63 mm
 0.11 mm
 1. Blue x White / Blue
 2. Orange x White / Orange
 3. Green x White / Green
 4. Brown x White / Brown



Core Assembly

Core twist

Assembly pair

Jacket

Material

Thickness

Overall diameter

Color

Length

Electrical & Physical properties

Operating Voltage

Conductor Resistance

Characteristic impedance

Spark Test

Installation temperature

Operating temperature

Minimum bending radius

2 Core twist

4 Pair assembly

LSZH

0.40 mm

3.6 ± 0.2 mm

Grey/Black - See table Page 1

Multiple lengths - See table Page 1

72 V DC

<223 Ω/km @ 20°C

100 ± 15 Ω

2.5 KV

0°C to 40°C

-10°C to 60°C

≥ 8 times of overall diameter

