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Cable Specification

C06-43U22S3x/xx – 4 Pair 23 AWG Cat6 UTP Solid Cable
Data networking cable for Gigabit Ethernet and 10-Gigabit Ethernet.

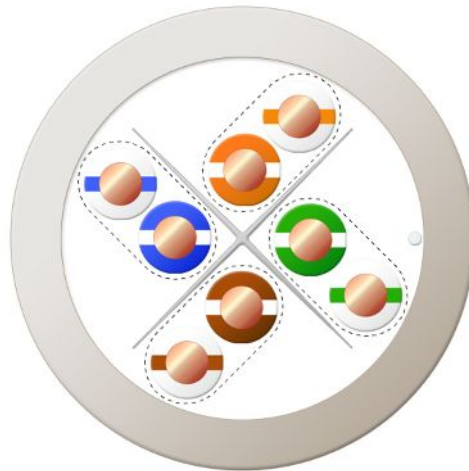


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Construction

Conductor

Material: Bare Copper
Construction: 1/0.57mm (23 AWG)

Insulation

Material: High Density Polyethylene
Diameter: 0.98mm
Colour Code:
Pair 1: Blue, White/Blue
Pair 2: Orange, White/Orange
Pair 3: Green, White/Green
Pair 4: Brown, White/Brown

Sheath

Material: Polyvinyl Chloride
or
Low Smoke Zero Halogen
Diameter: 6.50mm

Mechanical Characteristics

Operating Temperature (°C): -20 to +60

Electrical Characteristics at 20°C

Impedance 1MHz to 100MHz (Ω):	100±15
Max. Conductor DC Resistance (Ω /100m):	93.8
Velocity Ratio (%):	72%
Maximum Resistance Unbalance (%):	5.0

Frequency (MHz)	Nominal Attenuation (dB/100m)	Minimum NEXT (dB)	Minimum PSNEXT (dB)	Minimum ELFEXT (dB)	Minimum PSELFEXT (dB)	Minimum Return Loss (dB)
1	2.0	74.3	72.3	67.8	64.8	20.0
4	3.8	65.3	63.3	55.8	52.8	23.0
10	5.3	59.3	57.3	47.8	44.8	25.0
20	8.5	54.8	52.8	41.8	38.8	25.0
62.5	15.4	47.4	45.4	42.0	29.1	21.5
100	19.8	44.3	42.3	27.8	25.0	20.1
150	24.7	41.7	39.7	24.3	21.3	18.9
200	29.0	39.8	37.8	21.8	19.0	18.0
250	32.8	38.3	36.3	20.4	17.0	17.3

Compliance

ANSI/TIA-568.2-D
ISO/IEC 11801 2nd Edition
RoHS II Directive (2011/65/EU & 2015/863)
REACH (1907/2006)

Part Options

C06-43U22S3P/GY	305m Cat6 Grey PVC
C06-43U22S3Z/BU	305m Cat6 Blue LSZH
C06-43U22S3Z/BK	305m Cat6 Black LSZH
C06-43U22S3Z/GY	305m Cat6 Grey LSZH
C06-43U22S3Z/OR	305m Cat6 Orange LSZH
C06-43U22S3Z/RD	305m Cat6 Red LSZH
C06-43U22S3Z/VL	305m Cat6 Violet LSZH
C06-43U22S3Z/YW	305m Cat6 Yellow LSZH

Duct Grade and SWA options available on request.

Connectors, cable preparation tools and crimp tools are also available.

Important:

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