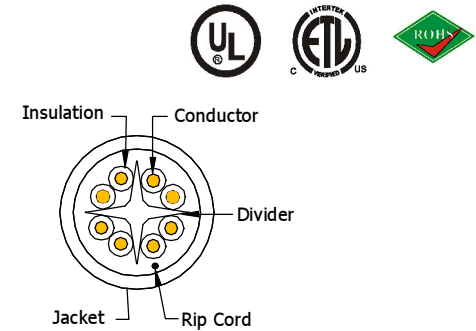


1. Structure:

Item		Specification
Conductor	Material	Bare Copper
	Construction	1C/0.58 mm
	Diameter	0.58± 0.005 mm
Insulation	Material	HDPE
	Average Thickness	0.22 mm
	Diameter	1.02± 0.05mm
Twisted		Refer to structure figure
Divider	Material	Hdpe(4.7mm)
Rip cord		Nylon rope
Jacket	Material	PVC
	Average Thickness	0.6mm± 0.05mm
	Diameter	6.0± 0.2mm



Description : Cat6 4Pair UTP Solid CMR Cable, 1000ft

Marking:

QUEST CABLING SOLUTIONS NBW-106X E466009 (UL) CMR 60°C
 UTP 4PR 23AWG - ETL CMR FT4 VERIFIED TO ANSI/TIA-568C.2
 &ISO/IEC 11801 &EN50288 CAT.6 550MHZ 001FT---999FT ROHS


2. Wire construction:

Pair	Wire Arrangement	Twist pitch
1P	Blue/Blue *white	
2P	Orange/Orange *white	
3P	Green/Green *white	
4P	Brown/Brown *white	

COLOR(X)	
BLUE	2
WHITE	8
GREY	9

3.Characteristic:

- ①. Electrical properties: Refer to TIA/EIA-568C.2
- ②. PhysiCal properties:
 - (1)Insulation: Tensile strength:3000psi:
(unaged) Elongation: 400%
 - (2)Jacket: Tensile strength:2100psi:
(unaged) Elongation: 200%
 - (3)Flame Test: CMR UL1666
- ③. Conductor Resistance:
 - 73.2 OHM/km at 20°C Max
 - Spark Test: 1750 V AC
 - Dielectric Strength:1500 V AC.2S
- ④. Center degree: ≥93%
- ⑤. ETL & UL CMR

 Quest Technology Int'l, Inc. 11200 NW 138th St., Medley, FL 33178 Tel: 305-913-8883 Fax: 305-913-9878 www.QuestTechnologyintl.com				DESCRIPTION	SCALE	FIT	UNITS:MM	3RD ANGLE
				Cat6 4Pair UTP Solid CMR Cable,1000ft	△			
APPROVED	CHECKED	DRAWING	DESIGNED	DRAWING NO	△			
Wxp	Wxp	David Feng	David Feng	K6/URO/23AWG/4P/0.58BC	△	2014.05.09		A1
				FINISHING	△			
				MATERIAL	SYM	DATE		REVISION