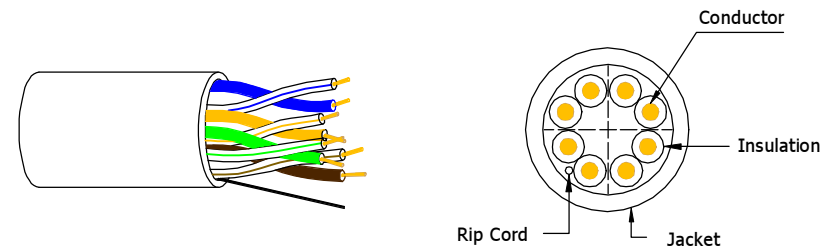


1. Structure:

Item		Specification
Conductor	Material	Bare Copper
	Construction	1C/0.48 mm
	Diameter	0.48 mm±0.005mm
Insulation	Material	HDPE
	Average Thickness	0.21 mm
	Diameter	0.90mm±0.05mm
Twisted		Refer to structure figure
Rip cord		Nylon rope
Jacket	Material	PVC
	Average Thickness	0.5mm±0.05mm
	Diameter	5.3± 0.2mm



Description : Cat.5E 4Pair UTP Solid CMR Cable, 1000ft

Marking:

QUEST CABLING SOLUTIONS NBW-105X E466009 (UL) CMR 60°C
 UTP 4PR 24AWG - ETL CMR FT4 VERIFIED TO ANSI/TIA-568C.2
 &ISO/IEC 11801 &EN50288 ENHANCED CAT.5E 350MHZ 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:2400psi:
(unaged) Elongation: 300%
 - (2)Jacket: Tensile strength:2000psi:
(unaged) Elongation: 100%
 - (3)Flame Test: CMR UL1666
- ③ .Conductor Resistance:
 - 93.8 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: 305-613-8888 Fax: 305-613-9676 www.questtechnologyintl.com				DESCRIPTION	Cat5E 4Pair UTP Solid CMR Cable,1000ft	SCALE	FIT	UNITS:MM	3RD ANGLE
				MODEL NO	NBW-105X				
APPROVED	CHECKED	DRAWING	DESIGNED	DRAWING NO	K5E/URO/24AWG/4P/0.48BC				
Wxp	Wxp	David Feng	David Feng	FINISHING			2014.05.09	A1	
				MATERIAL		SYM	DATE	REVISION	