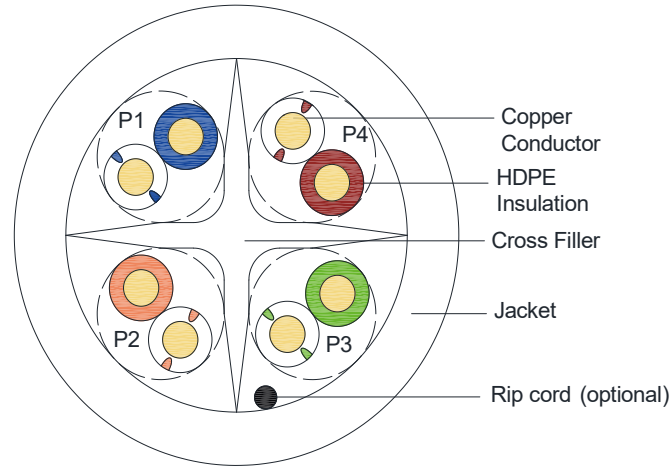


Construction:

Itemnr.	Cable length
17402	500 m



- core:
- P1: White-Blue/Blue
 - P2: White-Orange/Orange
 - P3: White-Green/Green
 - P4: White-Brown/Brown

Type		U/UTP CAT6 4*2*23AWG LDPE	
Structure		Structure A	
Conductors	Structure AWG	AWG	23# (1/23)
	Material	---	Solid Bare Copper
	Diameter	mm	Ø 0.56+/-0.01
Insulation	Material	---	HDPE
	Diameter	mm	Ø 1.00+/-0.05
	Average Thickness	mm	0.22+/-0.05
Shielding1	Type	---	---
Cabling	Direction	---	S
	No. of Insulations	Pair	4
Shielding2	Material	---	---
Shielding3	Shield	---	---
Jacket	Material	---	LDPE
	Diameter	mm	Ø 6.3+/-0.3
	Average Thickness	mm	0.6+/-0.1
	Flame Rate	---	---

PRODUCT DATA SHEET

PART NO.		Cable Length	
Item Number		N155-01PE-0.56CU-B500	
Description		OUTDOOR UTP Cat 6 LAN Cable, 23AWG (0.56mm-CU), Solid 2x4P, Black PE	
Material		SCALE	
		A	UNIT
		mm	
DRAWER		FANG	
CHECKED		Frank	
APPROVED			
Drawing NO:			
Remake		RoHS	



Mechanical Characteristics	
1、 Maximum Pulling Force	≤100N
2、 Conductor elongation	≥15%
3、 Jacket before Aging	
Tensile Strength	≥9.7Mpa
Elongation	≥350%
4、 Jacket After Aging(100℃、 24×2h)	
Tensile Strength	≥75%×Tensile Strength before Aging
Elongation	≥75%×Elongation before Aging
Electrical Characteristics	
1.Impedance:	1-250MHz 100±15 (Ohms)
2.Rated Temperature:	75℃
3.DC Resistance Unbalance(%):	Max 2.5
4.DC Resistance 20℃:	≤93.8 (Ohms/Km)
5.Pair-to-Ground Capacitance Unbalance:	≤330(pF/100M)
6、 Insulation Resistance:	>5000MΩ.Km
7、 Dielectric strength:	DC 2500V 2S

Nominal Transmission Characteristics										
Frequence	Min. RL	Max. IL	Max. PD	Max. SKEW	Min. ACR	Min. PSACR	Min. NEXT	Min. PSNEXT	Min. ACR-F	Min. PSACR-F
(MHz)	(dB/100M)	(dB/100M)	(ns/100M)	(ns/100M)	(dB/100M)	(dB/100M)	(dB/100M)	(dB/100M)	(dB/100M)	(dB/100M)
1	20.0	2.0	570	45	72.3	70.3	74.3	72.3	67.8	64.8
4	23.0	3.8	552	45	61.5	59.5	65.3	63.3	55.8	52.8
8	24.5	5.3	547	45	55.5	53.5	60.8	58.8	49.7	46.7
10	25.0	6.0	545	45	53.3	51.3	59.3	57.3	47.8	44.8
16	25.0	7.6	543	45	48.6	46.6	56.2	54.2	43.7	40.7
20	25.0	8.5	542	45	46.3	44.3	54.8	52.8	41.8	38.8
25	24.3	9.5	541	45	43.8	41.8	53.3	51.3	39.8	36.8
31.25	23.6	10.7	540	45	41.2	39.2	51.9	49.9	37.9	34.9
62.5	21.5	15.4	539	45	32.0	30.0	47.4	45.4	31.9	28.9
100	20.1	19.8	538	45	24.5	22.5	44.3	42.3	27.8	24.8
200	18.0	29.0	537	45	10.8	8.8	39.8	37.8	21.8	18.8
250	17.3	32.8	536	45	5.5	3.5	38.3	36.3	19.8	16.8
Note: The above transmission performance for the 100M, 20 ± 2 °C under the conditions tested										