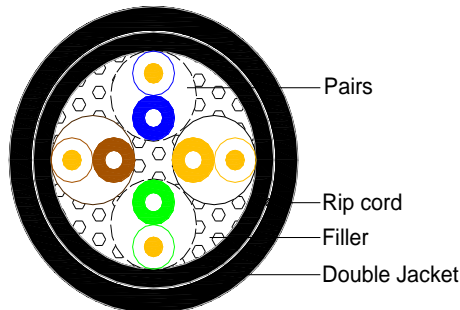


dGLink Kat.5e UTP Utendørs Med Fett 305m

CAT5E UTP/2xPVC/SJ 4X2X24AWG CAT.5E 100 OHM - with Grease

Art.No.: 11518305

Cross Section



Cable Description

Conductor

Material	Bare Copper
Stranding	Solid
Wire Gage	24AWG
Dia.(+/-0.010mm)	0.500

Insulation

Material	HDPE
Dia.(+/-0.05mm)	0.99
Color Code	WH/BL & BL WH/OG & OG WH/GN & GN WH/BN & BN

Paired

Cabling

Order of the Pair	See the Cross Section
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Sheath :

	Inner	Outer
Material	PVC	PVC
Thickness(+/-0.05mm)	0.45	0.50
Dia.(+/-0.3mm)	5.60	6.80
Rip Cord	200D*3	
Flooding Compound	Jelly	

Mechanical Characteristics

Reference Standard: UL 444

Test Material	PVC
Before Tensile Strength(Mpa)	≥ 13.8
Aging Elongation(%)	≥ 100
After Tensile Strength(% of unaged)	≥ 85
Aging Elongation(% of unaged)	≥ 50
Cold Bend(-20±°C×4hrs)	No crack
Operating Temperature Range	-10~+60°C
Min.Bend Radius(Install)	8xD

Revision History

Define by: Bob	Rev: A/4
Prepared by: King	Date: 2018-10-26
Approved by: Gavin	Page: 1 of 1
Part No.: 2103JL	

Electrical Characteristics

Reference Standard: ANSI/TIA-568.2-D

Test Item(20°C)

Test Item	Units	Spec
1.Max.Conductor DC Resistance	Ω/km	93.8
2.Max.Unbalance of Pair DC Resistance	%	2.5
3.Dielectric Strength between Pairs	kV/min	DC1.0
4.Min.Insulation Resistance	MΩ·km	5000
5.Max.Pair Mutual Capacitance	nF/100m	6.0
6.Max.Pair Capacitance Unbalance	pF/100m	330
7.Impedance(1 to 100MHz)	Ω	100±15

Frequency (MHz)	Min.RL (dB)	Max.IL (dB/100m)	Min. NEXT(dB)	Min.PS NEXT(dB)
1	20.0	2.0	65.3	62.3
4	23.0	4.1	56.3	53.3
8	24.5	5.8	51.8	48.8
10	25.0	6.5	50.3	47.3
16	25.0	8.2	47.3	44.2
20	25.0	9.3	45.8	42.8
25	24.3	10.4	44.3	41.3
31.25	23.6	11.7	42.9	39.9
62.5	21.5	17.0	38.4	35.4
100	20.1	22.0	35.3	32.3

Frequency (MHz)	Min.ELFEXT (dB)	Min.PS ELFEXT(dB)
1	63.8	60.8
4	51.8	48.8
8	45.7	42.7
10	43.8	40.8
16	39.7	36.7
20	37.8	34.8
25	35.8	32.8
31.25	33.9	30.9
62.5	27.9	24.9
100	23.8	20.8

RoHS 3.0 Guideline

Cadmium content (Cd)	< 0.01%(100ppm)
Lead content (Pb)	<0.1% (1000ppm)
Mercury content (Hg)	<0.1% (1000ppm)
Chromium (VI) content	<0.1% (1000ppm)
Polybrominated Biphenyls (PBB)	<0.1%(1000ppm)
Polybrominated Diphenyl Ether (PBDE)	<0.1% (1000ppm)
Diethyl hexyl phthalate (DEHP)	<0.1% (1000ppm)
Butyl phenyl phthalate (BBP)	<0.1% (1000ppm)
Dibutyl phthalate (DBP)	<0.1% (1000ppm)
Diisobutyl phthalate (DIBP)	<0.1% (1000ppm)

dGroup as

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