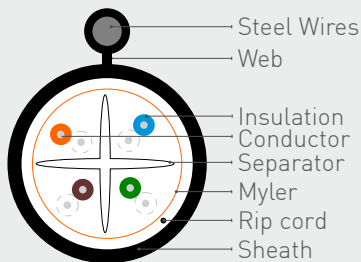


CATEGORY 6 U/UTP 23AWG 4 PAIR FIGURE-8 AERIAL EXTERNAL CABLE

Norden Category 6 UTP aerial cables are designed for aerial installations; they have ultraviolet and harsh outdoor environmental protection. These cables are made of HDPE insulation and LDPE outer sheath. The PE sheath gives excellent environment and ultraviolet protection to the cable.



COMPLIANCE

ISO/IEC 11801
ANSI/TIA-568.2-D

MATERIAL CONSTRUCTION & DESIGN

Conductor Material	Solid-Bare Copper
Nom. Conductor diameter	0.565±0.005
Insulation Material	High Density PE
Insulation diameter	0.99±0.05mm
Rip cord	Yes
Steel wires size	1.2mm
Sheath material	LDPE
Sheath Thickness	0.55±0.05 mm
Outer Sheath External O.D	(6.5/2.6)±0.5 mm
Sheath Color	Black
Outer sheath surface	Clean, Frap, Satiation
Screening Material	Mylar
Separator	PE

ELECTRICAL & MECHANICAL CHARACTERISTICS

Frequency Range	1 - 250 MHz
Impedance	100 Ω ±15
Max DC Resistance at 20°C	9.5(Ω/100m)
Max DC Conductor Resistance Unbalance	5%
Delay Skew at 20°C	≤45 ns/100m
Before Aging Tensile Strength	≥10.0 (Mpa)
Elongation (%)	≥350
After Aging Elongation (%)	≥300

CATEGORY 6 U/UTP 23AWG 4 PAIR FIGURE-8 AERIAL EXTERNAL CABLE

TRANSMISSION PERFORMANCE

Cat. 6 Un-screened Pair Horizontal Cables*

Freq. MHz	Attenuation dB/100m @ 20°C	NEXT dB	PSNEXT dB	PHASE ns	RL dB	ELFEXT dB	PSELFEXT dB
1	2.03	74.3	67.8	570.00	20.0	64.8	72.3
4.0	3.78	65.3	55.8	552.00	23.0	52.8	63.3
8.0	5.32	60.8	49.7	546.73	24.5	46.7	58.8
10.0	5.95	59.3	47.8	545.38	25.0	44.8	57.3
16.0	7.55	56.2	43.7	543.00	25.0	40.7	54.2
20.0	8.47	54.8	41.8	542.05	25.0	38.8	52.8
25.0	9.51	53.3	39.8	541.20	24.3	36.8	51.3
31.25	10.67	51.9	37.9	540.44	23.6	34.9	49.9
62.5	15.38	47.7	31.9	538.55	21.5	28.9	45.4
100	19.80	44.3	27.8	537.60	20.1	24.8	42.3
200	28.98	39.8	21.8	536.54	18.0	18.8	37.8
250	32.85	38.3	19.8	536.27	17.3	16.8	36.3

*Supplied cables meets Cat. 6 min. transmission requirements as per IEC 61156-5 Ed. 2

ORDERING INFORMATION

Part Number	Description	Standard Length
113-70C03104X	Category 6 U/UTP 23AWG 4 Pair Figure-8 Aerial External cable PE	305 mtr

X: BK(Black), BL(Blue), GN(Green), GY(Gray), RD(Red), WH(White), YL(Yellow)

