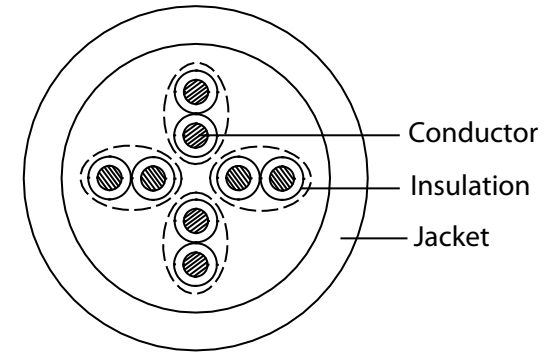


**Construction & Material :**

Item	Unit	Specification
Product		Cat6 Slim 4P CM Rated
Conductor	Size	AWG 28AWG(7/0.127±0.008)
	Number	pairs 4
	Material	Stranded Bare Copper
Insulation	Material	HD-PE
	Min.thickness	mm 0.11
	Avg.thickness	mm 0.13
	Diameter	mm 0.63
	Color	Blue-White/Blue Orange-White/Orange Green-White/Green Brown-White/Brown
Twisting	Construction	See Cross Section
Cabling	Diameter	2.4 S=60mm Right hand direction
Jacket	Material	PVC(50P)
	Min.thickness	0.45
	Avg.thickness	mm 0.50
	Overall Diameter	mm 3.6±0.20
	Color	By Order
Marking	(UL) Exxxxxx TYPE CM 28AWG 750°C C(UL) Exxxxxx CM 28AWG 750°C ETL VERIFIED ANSI/TIA-568.2-D MINI UTP CAT.6 RoHS COMPLIANCE MSL BATCH NO. (加米標)	

Rev.	Description	Date
A		11-2023



Cross Section

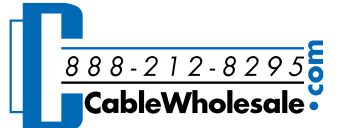
**Physical & Electrical Characteristics (at 20°C)**

Temperature rating	75°C
Spark test	2.5 KV DC
AC leakage current through overall jacket	≤ 10mA (1.5KV AC)
Cable cold bend	-20°C for 4 hr
Conductor DC resistance	≤ 9.38 Ω/100m
Resistance unbalance	≤ 5%
Dielectric strength	1.5 KV ac for 2 s
Insulation resistance	≥ 5000 MΩ·km
Mutual capacitance	≤ 5.6 nF/100m
Capacitance unbalance pair-to-ground	≤ 330 pF/100m

**Color Options**

- 21 Gray
- 22 Black
- 51 Green
- 91 White



Item Number:	10X8-8xxMH	
Title:	Cat6 Slim, 28AWG, Stranded, Spool, 1000 Foot	
Drawn by:	JL	
Approved by:	MAC	
ID:	1	

No.	Specifications
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