

Owire lan cable specification

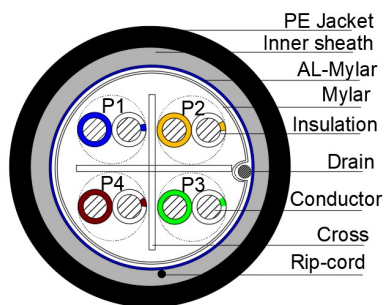
Owire Communication Technology Co., Ltd.

<https://www.owirecable.com>

I .Product Description(Specification No:S-202404029)

Product:Cat 6 F/UTP Twisted pair unshielded data cable.Each cable consists of 8 colour coded polyethylene insulated conductors. These are twisted together to form 4 pairs with varying lay lengths. These pairs, together with a strong nylon rip cord are jacketed in a heat resistant PVC material and a PE material.

II .Cross-section



Twisted Pair color:

P1: Blue/White-Blue

P2: Orange/White-Orange

P3: Green/White-Green

P4: Brown/White-Brown

III.Design and Construction

Item		Description
Conductor	Num of pair	4
	Material	CCA
	Construction	1/0.56±0.01 mm
Insulation	Material	PE
	Nom.Thickness	0.20 mm
	Nom.OD	0.98±0.05 mm
	Color	Per cross-section
Twisted	-	Yes
Filler	Material	PE
	Size	Cross
Binder	Material	Mylar

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	Coverage	$\geq 25\%$
Drain	Material	CCA
	Construction	$1/0.36 \pm 0.008$ mm
Shielding	Material	Al-Mylar
	Coverage	$\geq 25\%$
Pull rope	-	YES
Inner sheath	Material	PVC
	Nom.Thickness	0.50 mm
	Nom.OD	6.1 ± 0.35 mm
	Color	Optional
Jacket	Material	PE
	Nom.Thickness	0.55 mm
	Nom.OD	7.3 ± 0.5 mm
	Color	Black
Marking	Optional	

IV.Transmission performance

N/A.

V.Mechanical and physical performance

Temperature Rating	60℃
Dielectric	1.0kV DC 1Min,without breakdown
Voltage Rating(V)	60V
Ref.Standard	ANSI/TIA 568.2-D

VI.Package

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305m/Axis.

VII.Version

Version	Date	Description
00	2024/4/6	First edition

VIII.Remark

The unit of the dimension is mm unless otherwise specified in the specification;

Cross-sectional drawings are for understanding only and do not represent actual dimensions.

Owire Communication Technology Co., Ltd.		Customer	
Editor	Lcc	Check	
Check	Yang	Approve	