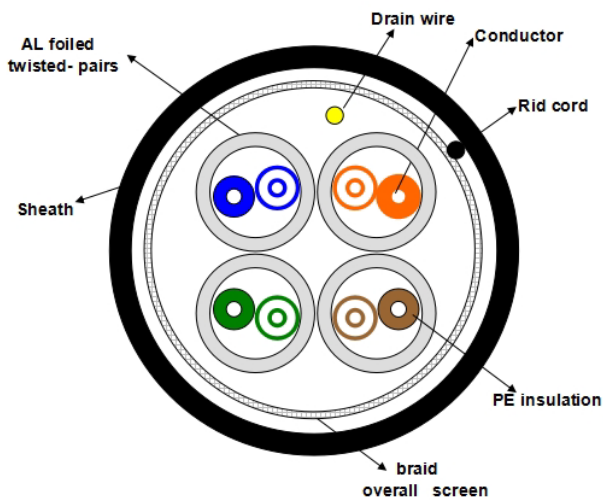


Cross Section



Color

Insulation

Cores: Pairs

1P:Blue & White

2P:Orange & White

3P:Green & White

4P:Brown & White

Jacket PE

Marking

Jacket marking :
 Meter Print 100m to 1m
 CAT6 SOLID/PATCH CORD EIA/TIA 568 4x2AWG 24/1 S/FTP
 PIMF/SHIELDED 250 MHz ##942##

Description

Rated Temperature (°C) 70

Application

Telephone and other communication circuits such as voice, data, and audio for on-premise customer systems.

Construction

Conductor	Solid Bare Copper
4 Twisted Pairs	
AWG	24
Construction (mm)	1/0.54
Stranded Dia.(mm)	0.54
Insulation	SKIN-FOAM-SKIN PE
Nom. Thickness (mm)	0.43
Insulation Dia.(±0.05mm)	1.3
Shield	
Twisted pairs screen	Aluminum/Polyester
Overlap	≥25%
Drain wire	0.40TC
Braid (mm)	16/4/0.12 ALMG
Rip cord	Nylon
Jacket	PE
Nom. Thickness(mm)	0.6
Outer Dia.(±0.2mm)	7.6
Operating temperature:	-20 - 75°C

Performance

Electrical Characteristics(20°C)

Dielectric strength	2500 Vdc/1 min
Conductor Resistance	MAX 9.38 ohm/100m
Resistance Unbalance	MAX 5%
Capacitance Unbalance	MAX 330 Pf/100m
Mutual Capacitance	MAX 5.6Nf/100m

Mechanical Characteristics:

Test Object	Jacket
Test Material	PE

Ningbo APS Electronics Teconology Co., Ltd

Testing Method

FLUKE Permalink 90M passed

Sample No.	77624	Spec No.	
Customer	Wentronic	Rev.	A
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