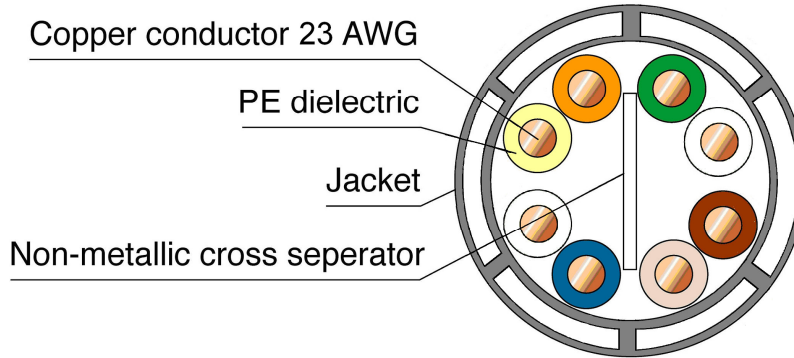


# WR8C.....WUTP Solid Cat.6A

Cable: 4 Pair 23AWG Solid



Reference Standards

ANSI/TIA 568C.2

## Construction

<b>Conductor</b>	Solid plain annealed bare copper wire 0.576 + 0 / - 0.03 mm (AWG23)
<b>Insulation</b>	Polyolefin, 1.10 ± 0.10 mm
<b>Twisting</b>	4 twisted pair, 2 single conductors paired, Twisted pair color code: 1: white / blue                      2: white-orange / orange 3: white / green                      4: white-brown / brown
<b>Cable lay up</b>	4 pairs with different pitches Non-metallic separator (spine)
<b>Outer diameter</b>	Nom. 8.2 +/-0.3 mm

## Mechanical Properties

<b>Bending radius</b>	≥ 4xOD without load ≥ 8xOD with load
<b>Temperature range</b>	
<b>during operation</b>	-20°C up to 60°C
<b>during installation</b>	0°C up to 50°C

## Electrical Properties (at 20°C ± 5°C)

<b>DC resistance</b>	max. 9.38 Ω / 100m at 20°C
<b>Resistance unbalance</b>	max. 2 % at 20°C
<b>Insulation resistance (500 V)</b>	min. 5000 MΩ/Km at 20°C
<b>Mutual capacitance</b>	max. 5.6 nf / 100 m at 1 kHz
<b>Capacitance unbalance (pair to ground)</b>	max. 160 pf / 100 m at 1 kHz
<b>Nominal velocity of propagation</b>	nom. 67 %
<b>Test voltage (DC, 1 min)</b>	1 kV / 1 min

## P/N and Marking

Material	.....P/N	Length	Marking	Print Color	Jacket Color	Fire Rating
LSZH	UTP6A	500M drum	ECS UTP6A CATEGORY 6A CABLE U/UTP 4 PAIRS 23AWG I.L. 45.3dB/100M NVP=67% LSZH ETL VERIFIED ANSI/TIA-568-C.2 XXXXXXXXX(BATCH CODE) xxxM (circulating length mark in meters)	Blue	RAL 9003 White	IEC 60332-1 Dca-s1,d2,a1