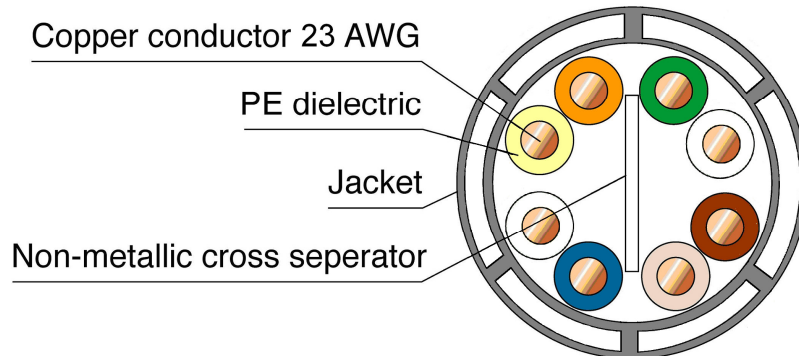


WWR8C WUTP Solid Cat.6A

Cable: 4 Pair 23AWG Solid



Reference Standards

ANSI/TIA 568C.2

Construction

Conductor	Solid plain annealed bare copper wire 0.576 + 0 / - 0.03 mm (AWG23)
Insulation	Polyolefin, 1.10 ± 0.10 mm
Twisting	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
Cable lay up	4 pairs with different pitches Non-metallic separator (spine)
Outer diameter	Nom. 8.2 +/-0.3 mm

Mechanical Properties

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

Electrical Properties (at 20°C ± 5°C)

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