

Technical Data Sheet

NanoSkew UTP Video Cables

WEST PENN WIRE

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PART NUMBER:	M58813
DESCRIPTION:	24 AWG.- 4 PAIR Solid bare copper conductors, unshielded with an overall jacket.
NEC RATING:	CMR, NEC Article 800
APPROVALS:	(UL) C(UL) Listed or c(ETL)us Listed
APPLICATION:	Indoor for: Video applications- RGBHV

Construction Parameters:

Conductor	24 AWG Bare Copper
Stranding	Solid
Number of Conductors	8 (4 Pair)
Insulation	Thermoplastic
Shield	None
Drain	None
Jacket Material	Thermoplastic PVC
Overall Cable Diameter	0.190" Nom.
Approximate Cable Weight	20 Lbs/1M' Nom.
Flame Rating	UL 1666 Riser Flame Test

Electrical & Environmental Properties:

Operating Temperature Rating	-20°C To +60°C
Operating Voltage Rating	300 V RMS
DC Resistance per Conductor @ 20deg C	9.38 Ohms/1M' Nom.
Mutual Capacitance	14pf/ft Nominal
Nominal Impedance	100 Ohms+/-15% (1-100Mhz)
Velocity of Propagation	66% Nominal
Propagation Delay (Skew)	2.2ns/100m
Insulation Colors	1. Blue/White-Blue, 2. Orange/White-Orange 3. Green/White-Green, 4. Brown/White-Brown
Jacket Color	Maroon
RoHS Compliant	Yes

Mechanical Properties:

Max. Recommended Pull Tension	25 lbs.
Min. Bend Radius (Install)	2"

Specification Issue Date: 10/10

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Standard Lengths are 1000ft.
The Jacket is sequentially footmarked.
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ACCESSORIES VGA Over Nanoskew UTP Cables

- CN-R02EXT-C5E- VGA UTP Extender- Box Style (TX/ RX)
- CN-R02EXT-C5E35 – VGA + Audio UTP Extender – Box Style (TX/RX)
- CN- R02EXT-FP – VGA UTP Extender- Wall Plate (TX/RX)
- CN-R02EXT-35FP – VGA + Audio UTP Extender Wall Plate (TX/RX)