



Ultra 10® 10GN4 ETL Verified Category 6A U/UTP Cable, non-plenum, red jacket, 4 pair count, 1000 ft (305 m) length reel

OBSOLETE

Replaced By

UN884030404/10

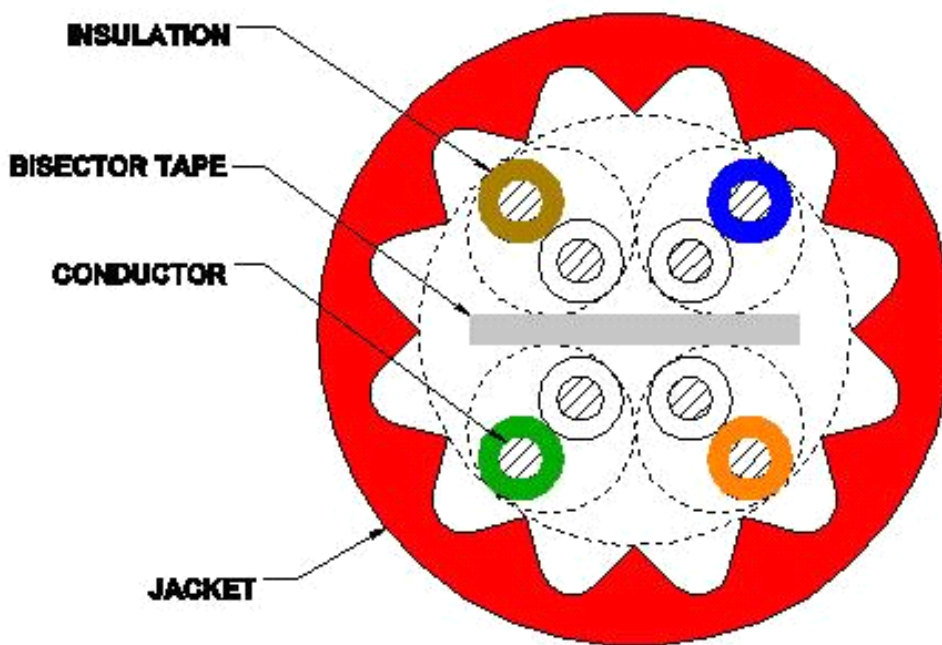
CS44R ETL Verified Category 6A U/UTP Cable, non-plenum, red jacket, 4 pair count, 1000 ft

CS44R RED C6A 4/23 U/UTP RL 1KFT (305 m) length reel

Product Classification

Portfolio	Uniprise®
Brand	Ultra 10®
Product Type	Twisted pair cable
Regional Availability	North America

Cross Section Drawing



Construction Materials

Jacket Material	PVC
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Conductor Material	Bare copper
Insulation Material	Polyolefin
Separator Material	Polyolefin

Dimensions

Cable Length	305 m 1000 ft
Cable Weight	40.60 lb/kft
Diameter Over Jacket, nominal	8.001 mm 0.315 in
Jacket Thickness	1.473 mm 0.058 in

Electrical Specifications

ANSI/TIA Category	6A
dc Resistance Unbalance, maximum	4 %
dc Resistance, maximum	7.61 ohms/100 m
Mutual Capacitance	6.0 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	65 %
Operating Frequency, maximum	500 MHz
Operating Voltage, maximum	80 V
Transmission Standards	ANSI/TIA-568-C.2
Safety Voltage Rating	300 V
Dielectric Strength, minimum	1500 Vac 2500 Vdc

Environmental Specifications

Environmental Space	Non-plenum
Flame Test Method	CMR
Installation Temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)

General Specifications

Cable Type	U/UTP (unshielded)
Packaging Type	Reel
Pairs, quantity	4
Cable Component Type	Horizontal
Jacket Color	Red
Product Number	10GN4
Conductor Gauge, singles	23 AWG
Conductor Type, singles	Solid
Conductors, quantity	8
Separator Type	Bisector

Mechanical Specifications

Pulling Tension, maximum 11 kg | 25 lb

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU

ISO 9001:2015

Classification

Compliant

Designed, manufactured and/or distributed under this quality management system



Electrical Performance

Std	Refers to the standard value listed under Transmission Standards in the Electrical Specifications above
IL	Insertion Loss (dB/100m)
NEXT	Near End Crosstalk (dB/100m)
ACR	Attenuation to Crosstalk Ratio (dB/100m)
PSNEXT	Power Sum Near End Crosstalk (db/100m)
PSACR	Power Sum Attenuation to Crosstalk Ratio (dB/100m)
ACRF	Attenuation to Crosstalk Ratio - Far End (dB/100m)
PSACRF	Power Sum Attenuation to Crosstalk Ratio – Far End (dB/100m)
RL	Return Loss (dB)
TCL	Transverse Conversion Loss (dB/100m)
ELTCTL	Equal Level Transverse Conversion Transfer Loss (dB/100m)

Freq. MHz	IL	NEXT	ACR	PSNEXT	PSACR	ACRF	PSACRF	RL	TCL	ELTCTL
	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
1	2.1	74.3	72.2	72.3	70.2	67.8	64.8	20.0	40.0	35.0
4	3.8	65.3	61.5	63.3	59.5	55.8	52.8	23.0	40.0	23.0
8	5.3	60.8	55.4	58.8	53.4	49.7	46.7	24.5	40.0	16.9
10	5.9	59.3	53.4	57.3	51.4	47.8	44.8	25.0	40.0	15.0
16	7.5	56.2	48.8	54.2	46.8	43.7	40.7	25.0	38.0	10.9
20	8.4	54.8	46.4	52.8	44.4	41.8	38.8	25.0	37.0	9.0
25	9.4	53.3	44.0	51.3	42.0	39.8	36.8	24.3	36.0	7.0
31.25	10.5	51.9	41.4	49.9	39.4	37.9	34.9	23.6	35.1	
62.5	15.0	47.4	32.4	45.4	30.4	31.9	28.9	21.5	32.0	
100	19.1	44.3	25.2	42.3	23.2	27.8	24.8	20.1	30.0	
155	24.1	41.4	17.4	39.4	15.4	24.0	21.0	18.8	28.1	
200	27.6	39.8	12.2	37.8	10.2	21.8	18.8	18.0	27.0	
250	31.1	38.3	7.3	36.3	5.3	19.8	16.8	17.3	26.0	
300	34.3	37.1	2.9	35.1	0.9	18.3	15.3	16.8	25.2	
350	37.2	36.1	-1.1	34.1	-3.1	16.9	13.9	16.3	24.6	
400	40.1	35.3	-4.8	33.3	-6.8	15.8	12.8	15.9	24.0	
500	45.3	33.8	-11.4	31.8	-13.4	13.8	10.8	15.2	23.0	