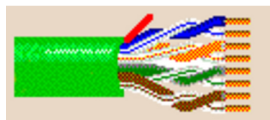


Product: [7988R](#) 



Low Skew, Category 5e, 4-24 AWG pairs, CMR

Product Description

Category 5e, 24 AWG bonded pairs solid bare copper conductors, non-plenum, polyolefin insulation, skew 9.0ns/100m nominal, rip cord, PVC jacket.

Technical Specifications

Product Overview

Suitable Applications:	Category 5e, UTP Based Video Applications, and KVM
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Construction Details

Conductor

Size	Stranding	Material	No. of Pairs
24	Solid	BC - Bare Copper	4

Insulation

Material	Color Code
PO - Polyolefin	White/Blue Stripe & Blue, White/Orange Stripe & Orange, White/Green Stripe & Green, White/Brown Stripe & Brown

Outer Jacket

Material	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.204 in	Yes

Electrical Characteristics

Electricals

Max. Conductor DCR	Max. Capacitance Unbalance
90 Ohm/km (27 Ohm/1000ft)	66

Delay

Max. Delay	Nom. Velocity of Prop.
0.027 ns/ft	70%

High Frequency

Frequency [MHz]	Max. Insertion Loss (Attenuation) [dB/100m]	Min. NEXT [dB]	Min. PSNEXT [dB]	Min. ACR [dB]	Min. PSACR [dB]	Min. ACRF (ELFEXT) [dB]	Min. PSACRF (PSELFEXT) [dB]	Min. RL (Return Loss) [dB]	Max./Min. Input Impedance (unFitted)	Max./Min. Fitted Impedance
1	2	65.3	65.3	60.3	60.3	63.8	60.8	20	100 ± 15	100 ± 15
4	4.1	56.3	53.3	49.2	49.2	51.7	48.7	23	100 ± 15	100 ± 15
8	5.8	51.8	48.8	43	43	45.7	42.7	24.5	100 ± 15	100 ± 15
10	6.5	50.3	47.3	40.8	40.8	43.8	40.8	25	100 ± 15	100 ± 15
16	8.2	47.3	44.3	36	36	39.7	36.7	25	100 ± 15	100 ± 15
20	9.3	45.8	42.8	33.5	33.5	37.7	34.7	25	100 ± 15	100 ± 15
25	10.4	44.3	41.3	30.9	30.9	35.8	32.8	24.3	100 ± 15	100 ± 15
31.25	11.7	42.9	39.9	28.2	28.2	33.9	30.9	23.6	100 ± 15	100 ± 15
62.5	17	38.4	35.4	18.4	18.4	27.8	24.8	21.5	100 ± 15	100 ± 15
100	22	35.3	32.3	10.3	10.3	23.8	20.8	20.1	100 ± 15	100 ± 15
155	28.1	32.5	29.5	2	2	19.9	16.9	15.8	100 ± 25	100 ± 15
200	32.4	30.8	27.8	1	1	17.7	14.7	15	100 ± 25	100 ± 15

Voltage

UL Voltage Rating
300 V (CMR)

Mechanical Characteristics

Temperature

Operating
-20°C To +75°C

Bend Radius

Stationary Min.
0.25 in (6.4 mm)

Max. Pull Tension:	40 lbs (18 kg)
Bulk Cable Weight:	20 lbs/1000ft (30 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL1666 Riser
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	CMR
CEC / C(UL) Compliance:	CMG
TIA/EIA Compliance:	ANSI/TIA-568.2-D Category 5e
ISO/IEC Compliance:	11801 Category 5
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	7988P

Product Notes

Notes:	Jacket sequentially marked at 2 ft. intervals. Third party verified to TIA/EIA-568-B.2, Category 5e.
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History

Update and Revision:	Revision Number: 0.461 Revision Date: 02-20-2026
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
7988R N3UU1000	Green, Mil	UnReel	1,000 ft	612825192558

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