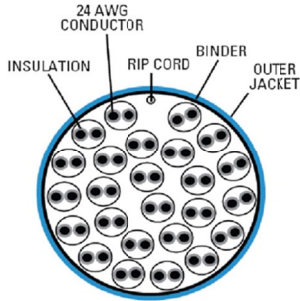


# Category 3 UTP 25 Pair Riser (CMR) Cable

## Cable Detail



## Approval



## Description

- 24 AWG Unshielded Twisted 25 Pair, High-Performance Data Cable

## Applicable Standards

- ETL Listed Type CMR
- C (ETL) listed CMG FT4
- ETL Verified to TIA - 568-C.2, and ISO/IEC 11801
- ROHS Compliant
- ATM 155 Mbps
- Ethernet 10BASE-T, 100BASE-TX, 100BASE-VG, 100BASE-
- 1000 Mbps 1000BASE-T Gigabit Ethernet™ (IEEE 802.3)
- 16 Mbps Token Ring™ (IEEE 802.5)

## Physical Characteristics

Conductor Material	Solid Annealed Bare
Number of Conductor Pairs	25
Size	24 AWG
Stranding	Solid
Insulation Material	HDPE
Overall Diameter	0.0315 in. ± 0.0002 in
Average Thickness	0.00709 in. ± 0.0002 in
Jacket Material	Flame Retardant PVC
Average Wall Thickness	0.0394 in. ± 0.0002 in.
Nominal Outer Diameter	0.394 in. ± 0.0002 in.
Assembly Diameter	0.3346 in.
Twisted Pair Diameter	0.06299 in.
Nominal Weight	117 lbs.
Shield Material	None
Ripcord	Yes

## Mechanical Characteristics

Temperature Rating	Installation	-20°C to + 75°C
	Operating	
Tensile Strength	Before	≥ 13.8 Mpa
Elongation	Aging	≥ 100%
		100°C x 168 hours
Aging Condition	After	≥ 85% of unaged
	Aging	≥ 85% of unaged

## Electrical Characteristics

Max. Conductor DC Resistance @ 20°C	13.5 Ω / 100 Meters
Maximum DC Resistance Unbalanced @ 20°C	5%
Max. Pair-to-Pair Ground Capacitance Unbalance	330 pF / 100 Meters
Characteristic Impedance (1 ~ 350 MHz)	100 ± 15 Ω
Mutual Capacitance	5.6 nF / 100 Meters
Max. Delay Skew	45 nS / 100 Meters

## Colors

- Insulation Color

Pair 1	Blue - White	Pair 14	Brown - Black
Pair 2	Orange - White	Pair 15	Gray - Black
Pair 3	Green - White	Pair 16	Blue - Yellow
Pair 4	Brown - White	Pair 17	Orange - Yellow
Pair 5	Gray - White	Pair 18	Green - Yellow
Pair 6	Blue - Red	Pair 19	Brown - Yellow
Pair 7	Orange - Red	Pair 20	Gray - Yellow
Pair 8	Green - Red	Pair 21	Blue - Violet
Pair 9	Brown - Red	Pair 22	Orange - Violet
Pair 10	Gray - Red	Pair 23	Green - Violet
Pair 11	Blue - Black	Pair 24	Brown - Violet
Pair 12	Orange - Black	Pair 25	Gray - Violet
Pair 13	Green - Black		

- Jacket Color  
Grey

## Part Numbers

3-25URGY2

## Package

- 1000FT / REEL

## Cable Marking

CATEGORY3 24AWG 25 PR UTP XXXXXXXX CMR C(ETL)US ETL LISTED & VERIFIED TO TIA- 568-C.2 \*\*\*\*FT