

# CAT6 23AWG/4PAIR CMP 600MHz U/UTP

**PART NO. 6CMP234BX**

## DESCRIPTION

- 23 AWG 4 Pair U/UTP Category 6 cable tested to 600Mhz premium grade, high performance for top level network cabling for maximum headroom and bandwidth. Available in Pull Box for easier installation.

## FEATURES AND BENEFITS

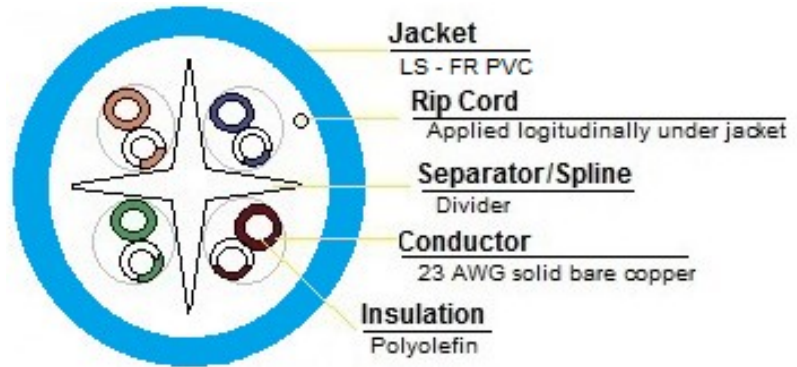
- Cross separator design engineered for consistent electrical performance.
- Improved cable temperature rating (90°C Plenum) for greater protection against increased operating temperatures.
- Sequential footage markings
- Verified by third-party for guaranteed performance

## APPLICATIONS

- IEEE 802.3 1000Base-T, 100Base-Tx 10Base-T, PoE, PoE+
- ANSI/TIA 854: 1000Base-TX
- CDDI, Token Ring, ATM
- Digital Video
- Broadband and Baseband Analog Video

## STANDARD COMPLIANCES

- ANSI/TIA 568-C.2
- ANSI/TIA 862 (Building Automation)
- ISO/IEC 11801 Ed. 2.0 (Class EI)
- ICEA 8-102-700 (Category 6 or 5E)
- REACH Compliant
- CPR Compliant (Fully Complies to 305/2011 & EN 50575:2014-09)
- RoHS Compliant Directive 2002/95/EG



## PHYSICAL PROPERTIES

Conductor	Material	Solid Bare Copper
	Conductor Diameter (mm)	0.550
Insulation	Material	Teflon
	Average Thickness (mm)	0.20
	Insulation Dia. (±0.05mm)	0.95
	Minimum point Thickness (mm)	0.15
Construction		Unshielded/Plenum
Twisting Lay Length		30 Underneath
Cabling Lay Length (±20mm)		100
Jacket	Material	LS-FR-PVC
	Average Thickness (mm)	0.43
	Minimum Point Thickness (mm)	0.38
	Outer Diameter (±0.5mm)	5.6
Rip Cord		Yes
Put/UPS	Length	1000ft ± 4ft
	Weight	32 lbs/Pull Box
Voltage Rating (Max)		DC 300V
Flame Test Method		CMP



## ELECTRICAL CHARACTERISTICS

1.0 - 250.0MHz characteristic impedance (ohms)		100±15
1.0 - 250.0MHz Delay Skew (ns/100m)		≤45
Pair-to-Ground Capacitance Unbalance (pF/100m)		≤330
Max. Conductor DC Resistance 20°C (ohms/100m)		9.38
Resistance Unbalance (%)		≤5
Before Aging	Tensile Strength (Mpa)	≥13.8
	Elongation (%)	≥100
After Aging	Tensile Strength (Mpa)	≥85% of unaged
	Elongation (%)	≥50% of unaged
Aging Condition (xhrs)		100x240
Cold Bend (-20±2°Cx4hrs)		No Crack
Temperature Range		-20°C ~ 75°C



1000' Pull Box  
Weight: 32 lbs.

## AVAILABLE CATEGORY 6 (PART NUMBERS)

PVC	Plenum	Shielded	Shielded Plenum	Direct Burial	Shielded Direct Burial
6CMR244Bx	<b>6CMP234Bx</b>	6SHDCMRRx	6SHDCMPRx	6OUT234RB	6OUTGSHDRB
6CMR234Bx				6OUTG234RB	6OUTWSHDRB
				6OUTW234RB	
				6OUTA234RB	

\*All values in this specification are nominal and are subjective to tolerances of +/- 10 to 15%.

It is the sole responsibility of the user to have the most current specification. Specifications are subject to change without notice\*

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# CAT6 23AWG/4PAIR CMR 600MHz U/UTP

**PART NO. 6CMR234BX**

## DESCRIPTION

- 23 AWG 4 Pair U/UTP Category 6 cable tested to 600Mhz premium grade, high performance for top level network cabling for maximum headroom and bandwidth. Available in Pull Box for easier installation.

## FEATURES AND BENEFITS

- Cross separator design engineered for consistent electrical performance.
- Improved cable temperature rating (75°C Riser) for greater protection against increased operating temperatures.
- Sequential footage markings
- Verified by third-party for guaranteed performance

## APPLICATIONS

- IEEE 802.3 1000Base-T, 100Base-Tx  
10Base-T, PoE, PoE+
- ANSI/TIA 854: 1000Base-TX
- CDDI, Token Ring, ATM
- Digital Video
- Broadband and Baseband Analog Video

## STANDARD COMPLIANCES

- ANSI/TIA 568-C.2
- ANSI/TIA 862 (Building Automation)
- ISO/IEC 11801 Ed. 2.0 (Class EI)
- ICEA 8-102-700 (Category 6 or 5E)
- REACH Compliant
- CPR Compliant (Fully Complies to 305/2011 & EN 50575:2014-09)
- RoHS Compliant Directive 2002/95/EG



## PHYSICAL PROPERTIES

Conductor	Material	Solid Bare Copper	
	Diameter (mm)	0.550	
Insulation	Material	HDPE	
	Average Thickness (mm)	0.22	
	Insulation Dia. (±0.05mm)	0.98	
	Minimum point Thickness (mm)	0.17	
Construction		CMR/Non-Plenum	
Twisting Lay Length		30 Underneath	
Cabling Lay Length (±20mm)		100	
	Jacket	Material	FR - PVC
		Average Thickness (mm)	0.55
		Minimum Point Thickness (mm)	0.43
Outer Diameter (±0.5mm)	6.0		
Rip Cord		Yes	
Put/UPS	Length	1000ft + 4ft	
	Weight	29 lbs/Pull Box	
Voltage Rating (Max)		DC 300V	
Flame Test Method		CMR	



## ELECTRICAL CHARACTERISTICS

1.0 - 250.0MHz characteristic impedance (ohms)		100±15
1.0 - 250.0MHz Delay Skew (ns/100m)		≤45
Pair-to-Ground Capacitance Unbalance (pF/100m)		≤330
Max. Conductor DC Resistance 20°C (ohms/100m)		9.38
Resistance Unbalance (%)		≤5
Before Aging	Tensile Strength (Mpa)	≥13.8
	Elongation (%)	≥100
After Aging	Tensile Strength (Mpa)	≥85% of unaged
	Elongation (%)	≥50% of unaged
Aging Condition (xhrs)		100x240
Cold Bend (-20±2°Cx4hrs)		No Crack
Temperature Range		-20°C ~ 75°C



1000' Pull Box  
Weight: 29 lbs.

## AVAILABLE CATEGORY 6 (PART NUMBERS)

PVC	Plenum	Shielded	Shielded Plenum	Direct Burial	Shielded Direct Burial
6CMR244Bx	6CMP234Bx	6SHDCMRRx	6SHDCMPRx	6OUT234RB	6OUTGSHDRB
<b>6CMR234Bx</b>				6OUTG234RB	6OUTWSHDRB
				6OUTW234RB	
				6OUTA234RB	

All values in this specification are nominal and are subjective to tolerances of +/- 10 to 15%.

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### ELECTRICAL PERFORMANCE

ACRF - Attenuation to Crosstalk Ratio - Far End (dB/100m)

NEXT - Near End Crosstalk (dB/100m)

ACR - Attenuation to Crosstalk Ratio (dB/100m)

PSNEXT - Power Sum Near End Crosstalk (dB/100m)

ELFEXT - Equal Level Far End Crosstalk (dB/100m)

PSELFEXT - Power Sum Equal Level Far End Crosstalk (dB/100m)

RL - Return Loss (dB)

TCL - Transverse Conversion Loss (dB/100m)

ATT - Attenuation (dB/100m)

FREQUENCY (MHz)	ATT (dB/100m)	RL (dB)	ACR (dB)	Next (dB)	PSNEXT (dB)	TCL (dB/100m)	PHASE DELAY	ELFEXT (dB/100m)	PSELFEXT dB/100m)
0.772	1.8	20	74.2	76.0	74.0	40.0	-	-	-
1	2.0	21	72.3	74.3	72.3	40.0	570.0	67.8	64.8
4	3.8	23.4	61.5	65.3	63.3	40.0	552.0	55.7	52.8
8	5.3	24.6	55.4	60.8	58.8	40.0	546.7	49.7	46.7
10	6.0	25	53.3	59.3	57.3	40.0	545.4	47.8	44.8
16	7.6	25	48.6	56.2	54.2	38.0	543.0	43.7	40.7
20	8.5	25	46.2	54.8	52.8	37.0	542.1	41.7	38.8
25	9.5	24.3	43.7	53.3	51.3	36.0	541.2	39.8	36.8
31.25	10.7	23.6	41.1	51.9	49.9	35.1	540.4	37.9	34.8
62.5	15.7	21.5	31.7	47.4	45.4	32.0	538.6	31.8	28.9
100	19.8	20.1	24.1	44.3	42.3	30.0	537.6	27.8	24.8
200	29.0	18	10.0	39.8	37.8	27.0	536.5	21.8	18.8
250	32.8	17.3	4.6	38.3	36.3	26.0	536.3	19.8	16.8
300	36.4	16.8	0.7	37.1	35.1	-	536.1	18.3	15.3
350	39.8	16.3	-	36.1	34.1	-	535.9	16.9	13.9
400	43.0	15.9	-	35.3	33.3	-	535.8	15.8	12.8
500	48.9	15.2	-	33.8	31.8	-	535.6	13.8	10.8
550	51.8	14.9	-	33.2	31.2	-	535.5	13.0	10.0
600	54.2	14.7	-	32.9	30.9	-	535.4	12.2	9.2

\*Electrical performance with frequency over 250MHz is only for reference\*

### AVAILABLE JACKET COLORS

STANDARD	BLUE	WHITE	GRAY
	BLACK	RED	GREEN
	YELLOW	ORANGE	PURPLE
	PINK		
	SPECIAL	Per Customer Request*	
INSULATION COLORS			
PAIR 1	BLUE		WHITE
PAIR 2	ORANGE		WHITE
PAIR 3	GREEN		WHITE
PAIR 4	BROWN		WHITE

### JACKETS ABBREVIATION

Black	B	Last alphabetical character of each part number indicates the color code that the Jacket is available in. For example Part # 6CMR244Bx ("x" indicates all the colors to the left are available for this product.
White	W	
Gray	G	
Blue	O	
Yellow	Y	
Green	V	
Orange	OR	
Purple	P	
Red	R	
Pink	PI	

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# CAT6 24AWG/4PAIR CMR 250MHz U/UTP

**PART NO. 6CMR244BX**

## DESCRIPTION

- 24 AWG 4 Pair U/UTP Category 6 cable tested to 250Mhz, TIA minimum compliance. Available in Pull Box for easier installation.

## FEATURES AND BENEFITS

- Innovative cross-web design allowing for maximum pair separation, increasing key electrical performance parameters.
- Improved cable temperature rating (75°C Riser) for greater protection against increased operating temperatures.
- Sequential footage markings
- Verified by third-party for guaranteed performance

## APPLICATIONS

- IEEE 802.3 1000Base-T, 100Base-Tx  
10Base-T, PoE, PoE+
- ANSI/TIA 854: 1000Base-TX
- CDDI, Token Ring, ATM
- Digital Video
- Broadband and Baseband Analog Video

## STANDARD COMPLIANCES

- ANSI/TIA 568-C.2
- ANSI/TIA 862 (Building Automation)
- ISO/IEC 11801 Ed. 2.0 (Class EI)
- ICEA 8-102-700 (Category 6 or 5E)
- REACH Compliant
- CPR Compliant (Fully Complies to 305/2011 & EN 50575:2014-09)
- RoHS Compliant Directive 2002/95/EG



## PHYSICAL PROPERTIES

Conductor	Material	Solid Bare Copper
	Conductor Diameter (mm)	0.53
Insulation	Material	HDPE
	Average Thickness (mm)	0.21
	Insulation Dia. (±0.05mm)	0.95
	Minimum point Thickness (mm)	0.17
Construction		CMR/Non-Plenum
Twisting Lay Length		30 Underneath
Cabling Lay Length (±20mm)		100
Jacket	Material	FR-PVC
	Average Thickness (mm)	0.55
	Minimum Point Thickness (mm)	0.43
	Outer Diameter (±0.5mm)	5.8
Rip Cord		Yes
Put/UPs	Length	1000ft ± 4ft
	Weight	25 lbs/Pull Box
Voltage Rating (Max)		DC 300V
Flame Test Method		CMR



## ELECTRICAL CHARACTERISTICS

1.0 - 250.0MHz impedance (ohms)		100±15
1.0 - 250.0MHz Delay Skew (ns/100m)		≤45
Pair-to-Ground Capacitance Unbalance (pF/100m)		≤330
Max. Conductor DC Resistance 20°C (ohms/100m)		9.38
Resistance Unbalance (%)		≤5
Before Aging	Tensile Strength (Mpa)	≥13.8
	Elongation (%)	≥100
After Aging	Tensile Strength (Mpa)	≥85% of unaged
	Elongation (%)	≥50% of unaged
Aging Condition (xhrs)		100x240
Cold Bend (-20±2°Cx4hrs)		No Crack
Temperature Range		-20°C ~ 75°C



1000' Pull Box  
Weight: 25 lbs.

## AVAILABLE CATEGORY 6 (PART NUMBERS)

PVC	Plenum	Shielded	Shielded Plenum	Direct Burial	Shielded Direct Burial
<b>6CMR244Bx</b>	6CMP234Bx	6SHDCMRRx	6SHDCMPRx	6OUT234RB	6OUTGSHDRB
6CMR234Bx				6OUTG234RB	6OUTWSHDRB
				6OUTW234RB	
				6OUTA234RB	

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### ELECTRICAL PERFORMANCE

ACRF - Attenuation to Crosstalk Ratio - Far End (dB/100m)

NEXT - Near End Crosstalk (dB/100m)

ACR - Attenuation to Crosstalk Ratio (dB/100m)

PSNEXT - Power Sum Near End Crosstalk (dB/100m)

ELFEXT - Equal Level Far End Crosstalk (dB/100m)

PSELFEXT - Power Sum Equal Level Far End Crosstalk (dB/100m)

RL - Return Loss (dB)

TCL - Transverse Conversion Loss (dB/100m)

ATT - Attenuation (dB/100m)

FREQUENCY (MHz)	ATT (dB/100m)	RL (dB)	ACR (dB)	Next (dB)	PSNEXT (dB)	TCL (dB/100m)	PHASE DELAY	ELFEXT (dB/100m)	PSELFEXT dB/100m)
0.772	1.8	20	74.2	76.0	74.0	40.0	-	-	-
1	2.0	21	72.3	74.3	72.3	40.0	570.0	67.8	64.8
4	3.8	23.4	61.5	65.3	63.3	40.0	552.0	55.7	52.8
8	5.3	24.6	55.4	60.8	58.8	40.0	546.7	49.7	46.7
10	6.0	25	53.3	59.3	57.3	40.0	545.4	47.8	44.8
16	7.6	25	48.6	56.2	54.2	38.0	543.0	43.7	40.7
20	8.5	25	46.2	54.8	52.8	37.0	542.1	41.7	38.8
25	9.5	24.3	43.7	53.3	51.3	36.0	541.2	39.8	36.8
31.25	10.7	23.6	41.1	51.9	49.9	35.1	540.4	37.9	34.8
62.5	15.7	21.5	31.7	47.4	45.4	32.0	538.6	31.8	28.9
100	19.8	20.1	24.1	44.3	42.3	30.0	537.6	27.8	24.8
200	29.0	18	10.0	39.8	37.8	27.0	536.5	21.8	18.8
250	32.8	17.3	4.6	38.3	36.3	26.0	536.3	19.8	16.8

\*Electrical performance with frequency over 250MHz is only for reference\*

AVAILABLE JACKET COLORS				
STANDARD	BLUE	WHITE	GRAY	YELLOW
SPECIAL	Per Customer Request*			
INSULATION COLORS				
PAIR 1	BLUE	WHITE		
PAIR 2	ORANGE	WHITE		
PAIR 3	GREEN	WHITE		
PAIR 4	BROWN	WHITE		

### JACKETS ABBREVIATION

Black	B	Last alphabetical character of each part number indicates the color code that the Jacket is available in. For example Part # 6CMR244Bx ("x" indicates all the colors to the left are available for this product.
White	W	
Gray	G	
Blue	O	
Yellow	Y	
Green	V	
Orange	OR	
Purple	P	
Red	R	
Pink	PI	

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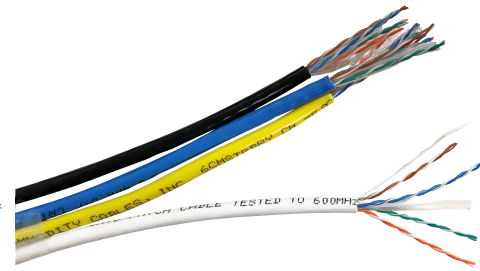
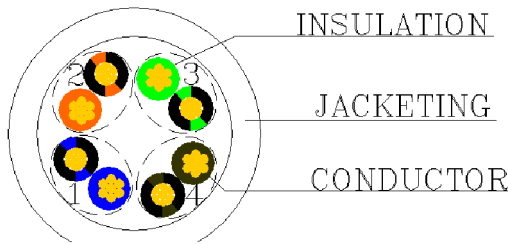


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# CAT6 24AWG/4PAIR CM 250MHZ U/UTP STRANDED PATCH CABLE

**PART NO. 6CMSTRXX**



## DESCRIPTION

- 24 AWG 4Pair U/UTP Category 6 Stranded patch cable tested to 250 MHz. Available on Wood Reels & Pull Box.

## FEATURES AND BENEFITS

- Structured Cabling for Ethernet Networks
- Unique pair twisting for balanced line signaling
- Performance guaranteed to 250 MHz
- Sequential footage markings
- Verified by third-party for guaranteed performance

## APPLICATIONS

- IEEE 802.3 1000Base-T, 100Base-Tx 10Base-T, PoE, PoE+
- ANSI/TIA 854: 1000Base-TX
- CDDI, Token Ring, ATM
- Digital Video
- Broadband and Baseband Analog Video

## STANDARD COMPLIANCES

- ANSI/TIA 568-C.2
- ANSI/TIA 862 (Building Automation)
- ISO/IEC 11801 Ed. 2.0 (Class EI)
- ICEA 8-102-700 (Category 6 or 5E)
- REACH Compliant
- CPR Compliant (Fully Comply to 305/2011 & EN 50575:2014-09)
- RoHS Compliant Directive 2002/95/EG

## PHYSICAL PROPERTIES

Conductor	Material	Bare Copper
	Nominal Outside Diameter (mm)	0.500±0.05
Insulation	Material	HDPE
	Diameter (± 0.05mm)	1.05
Screen Material		None
Construction		CMR/Non-Plenum
Jacket	Material	PVC
	Average Thickness (mm)	0.50
	Minimum Point Thickness (mm)	0.7
	Outside Diameter (±0.2mm)	5.8
Rip Cord:		Yes
Drain Wire:		None
Packing	Length	1000ft/Pull Box & Wood Reel
	Weight	24lbs Pull Box/28lbs Wood Reel
Voltage Rating (Max)		300V

## ELECTRICAL CHARACTERISTICS

1.0 - 250.0MHz characteristic impedance (ohms)		100Ω±15
250 MHz Delay Skew (ns/100m)		≤45
Pair-to-Ground Capacitance Unbalance (Pf/100m)		160Max
Max. Conductor DC Resistance Unbalance (%)		9.5Ω/100m
Max. Resistance Unbalance (%)		2
Max Mutual Capacitance		5600 pF/100m
Max DC Loop Resistance		25
Min DC Insulation Resistance		5000 MΩ-Km
Max Propagation Delay Skew		45
Before Aging	Tensile Strength (Mpa)	≥13.8
	Elongation (%)	≥100
After Aging	Tensile Strength (Mpa)	≥75% of unaged
	Elongation (%)	≥50% of unaged
Aging Period (°C x hrs)		100x168
Cold Bend (No Visible Crack)		-40±2°C
Temperature Range		-20 ~ 75°C
Velocity of Propagation (%) NVP		69



1000' Wood Reel

Weight: 28 lbs.



1000' Pull Box

Weight: 24 lbs.

## AVAILABLE CATEGORY 6 (PART NUMBERS)

PVC	Plenum	Shielded	Shielded Plenum	Direct Burial	Shielded Direct Burial
6CMR244Bx	6CMP234Bx	6SHDCMRRx	6SHDCMPRx	6OUT234RB	6OUTGSHDRB
6CMR234Bx				6OUTG234RB	6OUTWSHDRB
<b>6CMSTRxx</b>				6OUTW234RB	
				6OUTA234RB	

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# CAT6 24AWG/4PAIR CM 250MHz U/UTP STRANDED PATCH CABLE

## PART NO. 6CMSTRXX

### ELECTRICAL PERFORMANCE

ACRF - Attenuation to Crosstalk Ratio - Far End (dB/100m)

NEXT - Near End Crosstalk (dB/100m)

ACR - Attenuation to Crosstalk Ratio (dB/100m)

PSNEXT - Power Sum Near End Crosstalk (dB/100m)

ELFEXT - Equal Level Far End Crosstalk (dB/100m)

PSELFEXT - Power Sum Equal Level Far End Crosstalk (dB/100m)

RL - Return Loss (dB)

TCL - Transverse Conversion Loss (dB/100m)

ATT - Attenuation (dB/100m)

FREQUENCY (MHz)	ATT (dB/100m)	RL (dB)	ACR (dB)	Next (dB)	PSNEXT (dB)	TCL (dB/100m)	PHASE DELAY	ELFEXT (dB/100m)	PSELFEXT dB/100m)
1	2.0	n/s	n/s	74.3	72.3	n/s	n/s	n/s	n/s
4	3.8	n/s	n/s	65.3	63.3	n/s	n/s	n/s	n/s
10	6.0	n/s	n/s	59.3	57.3	n/s	n/s	n/s	n/s
16	7.6	n/s	n/s	56.2	54.2	n/s	n/s	n/s	n/s
20	8.5	n/s	n/s	54.8	52.8	n/s	n/s	n/s	n/s
31.25	10.7	n/s	n/s	51.9	49.9	n/s	n/s	n/s	n/s
62.5	15.4	n/s	n/s	47.4	45.4	n/s	n/s	n/s	n/s
100	19.8	n/s	n/s	44.3	42.3	n/s	n/s	n/s	n/s
150	24.9	n/s	n/s	41.4	39.4	n/s	n/s	n/s	n/s
200	29.0	n/s	n/s	39.8	37.8	n/s	n/s	n/s	n/s
250	32.8	n/s	n/s	38.3	36.3	n/s	n/s	n/s	n/s

\*Electrical performance with frequency over 250MHz is only for reference\*

### JACKETS ABBREVIATION

AVAILABLE JACKET COLORS			Black	B	Last alphabetical character of each part number indicates the color code that the Jacket is available in. For example Part # 6CMR244Bx ("x" indicates all the colors to the left are available for this product.)
STANDARD	BLUE	WHITE	White	W	
	BLACK	YELLOW	Gray	G	
SPECIAL	Per Customer Request*		Blue	O	
INSULATION COLORS			Yellow	Y	
PAIR 1	BLUE	WHITE	Green	V	
PAIR 2	ORANGE	WHITE	Orange	OR	
PAIR 3	GREEN	WHITE	Purple	P	
PAIR 4	BROWN	WHITE	Red	R	
			Pink	PI	

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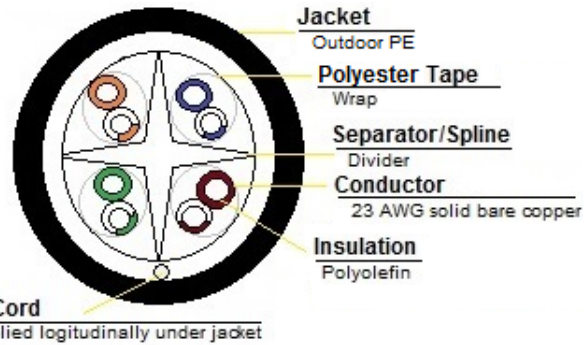


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# CAT6 23AWG/4PAIR 550MHz DIRECT BURIAL U/UTP

**PART NO. 6OUT234RB**



## DESCRIPTION

- 23 AWG 4 Pair U/UTP Category 6 cable tested to 550Mhz premium grade, high performance for top level network cabling for maximum headroom and bandwidth. Available in wood reel for easier installation.

## FEATURES AND BENEFITS

- Cross web filler for enhanced performance
- Rugged jacket for outside plant applications
- UV resistant polyethylene jacket
- Sequential footage markings
- Verified by third-party for guaranteed performance

## APPLICATIONS

- IEEE 802.3 1000Base-T, 100Base-Tx, 10Base-T, PoE+
- ANSI/TIA 854: 1000Base-TX
- CDDI, Token Ring, ATM
- Digital Video
- Broadband and Baseband Analog Video

## STANDARD COMPLIANCES

- ANSI/TIA 568-C.2
- ANSI/TIA 862 (Building Automation)
- ISO/IEC 11801 Ed. 2.0 (Class EI)
- ICEA 8-102-700 (Category 6 or 5E)
- REACH Compliant
- CPR Compliant (Fully Complies to 305/2011 & EN 50575:2014-09)
- RoHS Compliant Directive 2002/95/EG

## PHYSICAL PROPERTIES

Conductor	Material	Solid Bare Copper
	Conductor Diameter (mm)	0.55
Insulation	Material	PE
	Average Thickness (mm)	0.215
	Insulation Dia. ( $\pm 0.05$ mm)	0.98
	Minimum point Thickness (mm)	0.188
Construction		Direct Burial/UV Rated
Twisting Lay Length		30 Underneath
Cabling Lay Length ( $\pm 20$ mm)		90
Jacket	Material	LLDPE / UV Rated
	Average Thickness (mm)	0.55
	Minimum Point Thickness (mm)	0.45
	Outer Diameter ( $\pm 0.5$ mm)	6.5
Rip Cord		Per Request
Put/UPs	Length	1000ft $\pm$ 4ft
	Weight	27 lbs/Reel
Voltage Rating (Max)		DC 300V



## ELECTRICAL CHARACTERISTICS

1.0 - 100.0MH impedance (ohms)		100 $\pm$ 15
1.0 - 350.0MH Delay Skew (ns/100m)		$\leq 45$
Pair - To - Ground Capacitance Unbalance (pF/100m)		$\leq 330$
Max. Conductor DC Resistance 20°C (ohms/100m)		9.38
Resistance Unbalance (%)		$\leq 5$
Before Aging	Tensile Strength (Mpa)	$\geq 10$
	Elongation (%)	$\geq 350$
After Aging	Tensile Strength (Mpa)	-
	Elongation (%)	$\geq 300$
Aging Condition ( $^{\circ}$ C x hrs)		100 x 168
Cold Bend (No Visible Crack)		-40 $\pm$ 2 $^{\circ}$ C
Temperature Range		-40 $^{\circ}$ C ~ 60 $^{\circ}$ C



1000' Wood Reel  
Weight: 27 lbs.

## AVAILABLE CATEGORY 6 (PART NUMBERS)

PVC	Plenum	Shielded	Shielded Plenum	Direct Burial	Shielded Direct Burial
6CMR244Bx	6CMP234Bx	6SHDCMRRx	6SHDCMPRx	<b>6OUT234RB</b>	6OUTGSHDRB
6CMR234Bx				6OUTG234RB	6OUTWSHDRB
				6OUTW234RB	
				6OUTA234RB	

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\*All values in this specification are nominal and are subjective to tolerances of +/- 10 to 15%.

It is the sole responsibility of the user to have the most current specification. Specifications are subject to change without notice\*



### ELECTRICAL PERFORMANCE

ACRF - Attenuation to Crosstalk Ratio - Far End (dB/100m)

NEXT - Near End Crosstalk (dB/100m)

ACR - Attenuation to Crosstalk Ratio (dB/100m)

PSNEXT - Power Sum Near End Crosstalk (dB/100m)

ELFEXT - Equal Level Far End Crosstalk (dB/100m)

PSELFEXT - Power Sum Equal Level Far End Crosstalk (dB/100m)

RL - Return Loss (dB)

TCL - Transverse Conversion Loss (dB/100m)

ATT - Attenuation (dB/100m)

FREQUENCY (MHz)	ATT (dB/100m)	RL (dB)	ACR (dB)	Next (dB)	PSNEXT (dB)	TCL (dB/100m)	PHASE DELAY	ELFEXT (dB/100m)	PSELFEXT (dB/100m)
0.772	1.8	20	74.2	76.0	74.0	40.0	-	-	-
1	2.0	21	72.3	74.3	72.3	40.0	570.0	67.8	64.8
4	3.8	23.4	61.5	65.3	63.3	40.0	552.0	55.7	52.8
8	5.3	24.6	55.4	60.8	58.8	40.0	546.7	49.7	46.7
10	6.0	25	53.3	59.3	57.3	40.0	545.4	47.8	44.8
16	7.6	25	48.6	56.2	54.2	38.0	543.0	43.7	40.7
20	8.5	25	46.2	54.8	52.8	37.0	542.1	41.7	38.8
25	9.5	24.3	43.7	53.3	51.3	36.0	541.2	39.8	36.8
31.25	10.7	23.6	41.1	51.9	49.9	35.1	540.4	37.9	34.8
62.5	15.7	21.5	31.7	47.4	45.4	32.0	538.6	31.8	28.9
100	19.8	20.1	24.1	44.3	42.3	30.0	537.6	27.8	24.8
200	29.0	18	10.0	39.8	37.8	27.0	536.5	21.8	18.8
250	32.8	17.3	4.6	38.3	36.3	26.0	536.3	19.8	16.8
300	36.4	16.8	0.7	37.1	35.1	-	536.1	18.3	15.3
350	39.8	16.3	-	36.1	34.1	-	535.9	16.9	13.9
400	43.0	15.9	-	35.3	33.3	-	535.8	15.8	12.8
500	48.9	15.2	-	33.8	31.8	-	535.6	13.8	10.8
550	51.8	14.9	-	33.2	31.2	-	535.5	13.0	10.0

\*Electrical performance with frequency over 250MHz is only for reference\*

AVAILABLE JACKET COLORS		
STANDARD	BLACK	
SPECIAL	Per Customer Request*	
INSULATION COLORS		
PAIR 1	BLUE	WHITE
PAIR 2	ORANGE	WHITE
PAIR 3	GREEN	WHITE
PAIR 4	BROWN	WHITE

### JACKETS ABBREVIATION

Black	B	Last alphabetical character of each part number indicates the color code that the Jacket is available in. For example Part # 6CMR244Bx ("x" indicates all the colors to the left are available for this product.
White	W	
Gray	G	
Blue	O	
Yellow	Y	
Green	V	
Orange	OR	
Purple	P	
Red	R	
Pink	PI	

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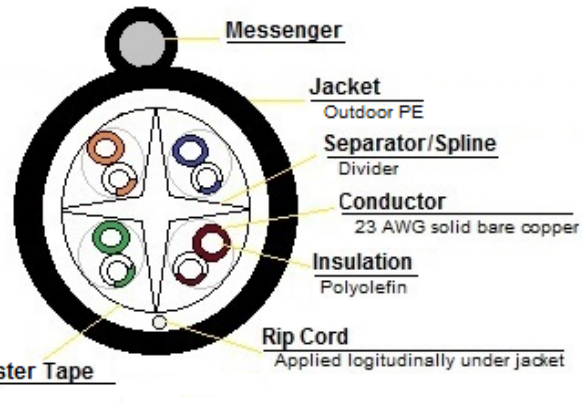


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# CAT6 23AWG/4PAIR 550MHz DIRECT BURIAL AERIAL W/MESSENGER U/UTP

**PART NO. 6OUTA234RB**



## DESCRIPTION

- 23 AWG 4 Pair U/UTP Category 6 cable tested to 550Mhz premium grade, high performance for top level network cabling for maximum headroom and bandwidth. Available in wood reel for easier installation.

## FEATURES AND BENEFITS

- Cross web filler for enhanced performance
- Rugged jacket for outside plant applications
- UV resistant polyethylene jacket
- Sequential footage markings
- Verified by third-party for guaranteed performance

## APPLICATIONS

- IEEE 802.3 1000Base-T, 100Base-Tx 10Base-T, PoE+
- ANSI/TIA 854: 1000Base-TX
- CDDI, Token Ring, ATM
- Digital Video
- Broadband and Baseband Analog Video

## STANDARD COMPLIANCES

- ANSI/TIA 568-C.2
- ANSI/TIA 862 (Building Automation)
- ISO/IEC 11801 Ed. 2.0 (Class EI)
- ICEA 8-102-700 (Category 6 or 5E)
- REACH Compliant
- CPR Compliant (Fully Complies to 305/2011 & EN 50575:2014-09)
- RoHS Compliant Directive 2002/95/EG

## PHYSICAL PROPERTIES

Conductor	Material	Solid Bare copper
	Nominal O.D (mm)	0.565
Insulation	Material	HDPE
	Diameter (± 0.05mm)	1.02
Steel Wires		1.2mm
Construction		Direct Burial/Aerial w/Messenger
Jacket	Material	PE (Complies RoHS) / UV Rated
	Average Thickness (mm)	0.6
	Minimum Point Thickness (mm)	0.5
	Outer Diameter (±0.5mm)	7.0
Rip Cord:		Yes
Drain Wire:		No
Put/UPs	Length	1000ft ± 4ft
	Weight	40 lbs/Reel
Voltage Rating (Max)		DC 300V



## ELECTRICAL CHARACTERISTICS

1.0 - 250.0MHz characteristics impedance (ohms)	100±15	
1.0 - 250.0MHz Delay Skew (ns/100m)	≤45	
Pair - To - Ground Capacitance Unbalance (pF/100m)	≤330	
Max. Conductor DC Resistance 20°C (ohms/100m)	9.38	
Resistance Unbalance (%)	≤5	
Before Aging	Tensile Strength (Mpa)	≥10.0
	Elongation (%)	≥350
After Aging	Tensile Strength (Mpa)	-
	Elongation (%)	≥300
Aging Period (°C x hrs)	100°C x 24h x 10d	
Cold Bend (No Visible Crack)	-40±2°C	
Temperature Range	-40°C To +60°C	
Velocity of Propagation (%)	68	



1000' Wood Reel  
Weight: 40 lbs.

## AVAILABLE CATEGORY 6 (PART NUMBERS)

PVC	Plenum	Shielded	Shielded Plenum	Direct Burial	Shielded Direct Burial
6CMR244Bx	6CMP234Bx	6SHDCMRRx	6SHDCMPRx	6OUT234RB	6OUTGSHDRB
6CMR234Bx				6OUTG234RB	6OUTWSHDRB
				6OUTW234RB	
				<b>6OUTA234RB</b>	

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## ELECTRICAL PERFORMANCE

ACRF - Attenuation to Crosstalk Ratio - Far End (dB/100m)

NEXT - Near End Crosstalk (dB/100m)

ACR - Attenuation to Crosstalk Ratio (dB/100m)

PSNEXT - Power Sum Near End Crosstalk (dB/100m)

ELFEXT - Equal Level Far End Crosstalk (dB/100m)

PSELFEXT - Power Sum Equal Level Far End Crosstalk (dB/100m)

RL - Return Loss (dB)

TCL - Transverse Conversion Loss (dB/100m)

ATT - Attenuation (dB/100m)

FREQUENCY (MHz)	ATT (dB/100m)	RL (dB)	ACR (dB)	Next (dB)	PSNEXT (dB)	TCL (dB/100m)	PHASE DELAY	ELFEXT (dB/100m)	PSELFEXT dB/100m)
0.772	1.8	20	74.2	76.0	74.0	40.0	-	-	-
1	2.0	21	72.3	74.3	72.3	40.0	570.0	67.8	64.8
4	3.8	23.4	61.5	65.3	63.3	40.0	552.0	55.7	52.8
8	5.3	24.6	55.4	60.8	58.8	40.0	546.7	49.7	46.7
10	6.0	25	53.3	59.3	57.3	40.0	545.4	47.8	44.8
16	7.6	25	48.6	56.2	54.2	38.0	543.0	43.7	40.7
20	8.5	25	46.2	54.8	52.8	37.0	542.1	41.7	38.8
25	9.5	24.3	43.7	53.3	51.3	36.0	541.2	39.8	36.8
31.25	10.7	23.6	41.1	51.9	49.9	35.1	540.4	37.9	34.8
62.5	15.7	21.5	31.7	47.4	45.4	32.0	538.6	31.8	28.9
100	19.8	20.1	24.1	44.3	42.3	30.0	537.6	27.8	24.8
200	29.0	18	10.0	39.8	37.8	27.0	536.5	21.8	18.8
250	32.8	17.3	4.6	38.3	36.3	26.0	536.3	19.8	16.8
300	36.4	16.8	0.7	37.1	35.1	-	536.1	18.3	15.3
350	39.8	16.3	-	36.1	34.1	-	535.9	16.9	13.9
400	43.0	15.9	-	35.3	33.3	-	535.8	15.8	12.8
500	48.9	15.2	-	33.8	31.8	-	535.6	13.8	10.8
550	51.8	14.9	-	33.2	31.2	-	535.5	13.0	10.0

\*Electrical performance with frequency over 250MHz is only for reference\*

### AVAILABLE JACKET COLORS

STANDARD	BLACK	
SPECIAL	Per Customer Request*	
INSULATION COLORS		
PAIR 1	BLUE	WHITE
PAIR 2	ORANGE	WHITE
PAIR 3	GREEN	WHITE
PAIR 4	BROWN	WHITE

### JACKETS ABBREVIATION

Black	B	Last alphabetical character of each part number indicates the color code that the Jacket is available in. For example Part # 6CMR244Bx ("x" indicates all the colors to the left are available for this product.
White	W	
Gray	G	
Blue	O	
Yellow	Y	
Green	V	
Orange	OR	
Purple	P	
Red	R	
Pink	PI	

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# CAT6 23AWG/4PAIR 550MHz DIRECT BURIAL GEL FILLED U/UTP

**PART NO. 6OUTG234RB**

## DESCRIPTION

- 23 AWG 4 Pair U/UTP Category 6 cable tested to 550Mhz premium grade, high performance for top level network cabling for maximum headroom and bandwidth. Available in wood reel for easier installation.

## FEATURES AND BENEFITS

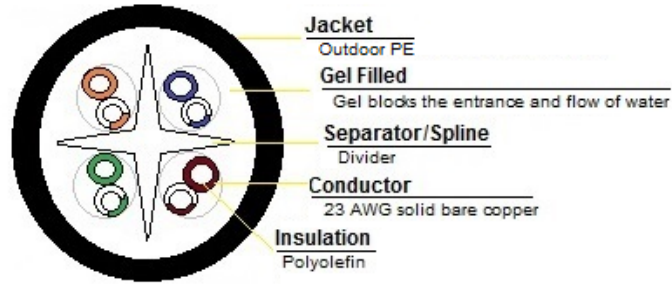
- Cross web filler for enhanced performance
- Rugged jacket for outside plant applications
- UV resistant polyethylene jacket
- Gel filled core
- Sequential footage markings
- Verified by third-party for guaranteed performance

## APPLICATIONS

- IEEE 802.3 1000Base-T, 100Base-Tx 10Base-T, PoE+
- ANSI/TIA 854: 1000Base-TX
- CDDI, Token Ring, ATM
- Digital Video
- Broadband and Baseband Analog Video

## STANDARD COMPLIANCES

- ANSI/TIA 568-C.2
- ANSI/TIA 862 (Building Automation)
- ISO/IEC 11801 Ed. 2.0 (Class EI)
- ICEA 8-102-700 (Category 6 or 5E)
- REACH Compliant
- CPR Compliant (Fully Complies to 305/2011 & EN 50575:2014-09)
- RoHS Compliant Directive 2002/95/EG



## PHYSICAL PROPERTIES

Conductor	Material	Solid Bare Copper
	Diameter (mm)	0.565
Insulation	Material	PE
	Average Thickness (mm)	0.275
	Insulation Dia. (±0.05mm)	1.12
	Minimum point Thickness (mm)	0.22
Construction		Direct Burial/Gel Filled
Twisting Lay Length		30 Underneath
Twisting Pair Diameter (±0.02mm)		2.24
Cabling Lay Length (±20mm)		100
Jacket	Material	PE / UV Rated
	Average Thickness (mm)	0.6
	Minimum Point Thickness (mm)	0.5
	Outer Diameter (±0.5mm)	7.0
Rip Cord		Per Request
Put/UPs	Length	1000ft ± 4ft
	Weight	44 lbs/Reel
Voltage Rating (Max)		DC 300V



## ELECTRICAL CHARACTERISTICS

1.0 - 250.0MHz characteristic impedance (ohms)		100±15
1.0 - 250.0MHz Delay Skew (ns/100m)		≤45
Pair - To - Ground Capacitance Unbalance (pF/100m)		≤330
Max. Conductor DC Resistance 20°C (ohms/100m)		9.38
Resistance Unbalance (%)		≤5
Before Aging	Tensile Strength (Mpa)	≥10
	Elongation (%)	≥350
After Aging	Tensile Strength (Mpa)	-
	Elongation (%)	≥300
Aging Condition (°C x hrs)		100 x 168
Cold Bend (No Visible Crack)		-40±2°C
Temperature Range		-40°C ~ 75°C
Velocity of Propagation (%)		65



1000' Wood Reel  
Weight: 44 lbs.

## AVAILABLE CATEGORY 6 (PART NUMBERS)

PVC	Plenum	Shielded	Shielded Plenum	Direct Burial	Shielded Direct Burial
6CMR244Bx	6CMP234Bx	6SHDCMRRx	6SHDCMPRx	6OUT234RB	6OUTGSHDRB
6CMR234Bx				<b>6OUTG234RB</b>	6OUTWSHDRB
				6OUTW234RB	
				6OUTA234RB	

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## ELECTRICAL PERFORMANCE

ACRF - Attenuation to Crosstalk Ratio - Far End (dB/100m)

NEXT - Near End Crosstalk (dB/100m)

ACR - Attenuation to Crosstalk Ratio (dB/100m)

PSNEXT - Power Sum Near End Crosstalk (dB/100m)

ELFEXT - Equal Level Far End Crosstalk (dB/100m)

PSELFEXT - Power Sum Equal Level Far End Crosstalk (dB/100m)

RL - Return Loss (dB)

TCL - Transverse Conversion Loss (dB/100m)

ATT - Attenuation (dB/100m)

FREQUENCY (MHz)	ATT (dB/100m)	RL (dB)	ACR (dB)	Next (dB)	PSNEXT (dB)	TCL (dB/100m)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)
0.772	1.8	20	74.2	76.0	74.0	40.0	-	-
1	2.0	21	72.3	74.3	72.3	40.0	67.8	64.8
4	3.8	23.4	61.5	65.3	63.3	40.0	55.7	52.8
8	5.3	24.6	55.4	60.8	58.8	40.0	49.7	46.7
10	6.0	25	53.3	59.3	57.3	40.0	47.8	44.8
16	7.6	25	48.6	56.2	54.2	38.0	43.7	40.7
20	8.5	25	46.2	54.8	52.8	37.0	41.7	38.8
25	9.5	24.3	43.7	53.3	51.3	36.0	39.8	36.8
31.25	10.7	23.6	41.1	51.9	49.9	35.1	37.9	34.8
62.5	15.7	21.5	31.7	47.4	45.4	32.0	31.8	28.9
100	19.8	20.1	24.1	44.3	42.3	30.0	27.8	24.8
200	29.0	18	10.0	39.8	37.8	27.0	21.8	18.8
250	32.8	17.3	4.6	38.3	36.3	26.0	19.8	16.8
300	36.4	16.8	0.7	37.1	35.1	-	18.3	15.3
350	39.8	16.3	-	36.1	34.1	-	16.9	13.9
400	43.0	15.9	-	35.3	33.3	-	15.8	12.8
500	48.9	15.2	-	33.8	31.8	-	13.8	10.8
550	51.8	14.9	-	33.2	31.2	-	13.0	10.0

\*Electrical performance with frequency over 250MHz is only for reference\*

AVAILABLE JACKET COLORS		
STANDARD	BLACK	
SPECIAL	Per Customer Request*	
INSULATION COLORS		
PAIR 1	BLUE	WHITE
PAIR 2	ORANGE	WHITE
PAIR 3	GREEN	WHITE
PAIR 4	BROWN	WHITE

## JACKETS ABBREVIATION

Black	B	Last alphabetical character of each part number indicates the color code that the Jacket is available in. For example Part # 6CMR244Bx ("x" indicates all the colors to the left are available for this product.
White	W	
Gray	G	
Blue	O	
Yellow	Y	
Green	V	
Orange	OR	
Purple	P	
Red	R	
Pink	PI	

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# CAT6 23AWG/4PAIR 550MHz DIRECT BURIAL GEL FILLED SHIELDED F/UTP

**PART NO. 6OUTGSHDRB**

## DESCRIPTION

- 23 AWG 4 Pair F/UTP Category 6 cable tested to 550Mhz premium grade, high performance for top level network cabling for maximum headroom and bandwidth. Available in wood reel for easier installation.

## FEATURES AND BENEFITS

- Cross web filler for enhanced performance
- Rugged jacket for outside plant applications
- UV resistant polyethylene jacket
- Gel filled core
- Sequential footage markings
- Verified by third-party for guaranteed performance

## APPLICATIONS

- IEEE 802.3 1000Base-T, 100Base-Tx  
10Base-T, PoE+
- ANSI/TIA 854: 1000Base-TX
- CDDI, Token Ring, ATM
- Digital Video
- Broadband and Baseband Analog Video

## STANDARD COMPLIANCES

- ANSI/TIA 568-C.2
- ANSI/TIA 862 (Building Automation)
- ISO/IEC 11801 Ed. 2.0 (Class EI)
- ICEA 8-102-700 (Category 6 or 5E)
- REACH Compliant
- CPR Compliant (Fully Complies to 305/2011 & EN 50575:2014-09)
- RoHS Compliant Directive 2002/95/EG

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### Drain Wire

Used to ease termination of the cable shield for crimping or soldering

### Jacket

Outdoor PE

### Aluminum Mylar Shield

Helps protect the data from any electromagnetic interference from outside source

### Polyester Tape

Wrap

### Separator/Spline

Divider

### Conductor

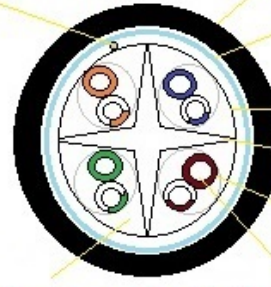
23 AWG solid bare copper

### Insulation

Polyolefin

### Gel Filled

Gel blocks the entrance and flow of water



## PHYSICAL PROPERTIES

Conductor	Material	Solid Bare copper
	Nominal O.D (mm)	0.565
Insulation	Material	HDPE
	Diameter (± 0.05mm)	1.12
Screen Material		Mylar + Al/Mylar
Construction		Direct Burial/Gel Filled/Shielded
Jacket	Material	PE (Complies RoHs) / UV Rated
	Average Thickness (mm)	0.6
	Minimum Point Thickness (mm)	0.5
	Outer Diameter (±0.5mm)	7.8
Rip Cord:		Yes
Drain Wire:		Yes
Put/UPs	Length	1000ft ± 4ft
	Weight	45 lbs/Reel
Voltage Rating (Max)		DC 300V



## ELECTRICAL CHARACTERISTICS

1.0 - 100.0MHz characteristic impedance (ohms)		100±15
1.0 - 250.0MHz Delay Skew (ns/100m)		≤45
Pair - To - Ground Capacitance Unbalance (pF/100m)		≤330
Max. Conductor DC Resistance 20°C (ohms/100m)		9.38
Resistance Unbalance (%)		≤5
Before Aging	Tensile Strength (Mpa)	≥10.0
	Elongation (%)	≥350
After Aging	Tensile Strength (Mpa)	-
	Elongation (%)	≥300
Aging Period (°C x hrs)		100°C x 24h x 10d
Cold Bend (No Visible Crack)		-40±2°C
Temperature Range		-40°C ~ 60°C
Velocity of Propagation (%)		65



1000' Wood Reel  
Weight: 45 lbs.

## AVAILABLE CATEGORY 6 (PART NUMBERS)

PVC	Plenum	Shielded	Shielded Plenum	Direct Burial	Shielded Direct Burial
6CMR244Bx	6CMP234Bx	6SHDCMRRx	6SHDCMPRx	6OUT234RB	<b>6OUTGSHDRB</b>
6CMR234Bx				6OUTG234RB	6OUTWSHDRB
				6OUTW234RB	
				6OUTA234RB	

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### ELECTRICAL PERFORMANCE

ACRF - Attenuation to Crosstalk Ratio - Far End (dB/100m)

NEXT - Near End Crosstalk (dB/100m)

ACR - Attenuation to Crosstalk Ratio (dB/100m)

PSNEXT - Power Sum Near End Crosstalk (dB/100m)

ELFEXT - Equal Level Far End Crosstalk (dB/100m)

PSELFEXT - Power Sum Equal Level Far End Crosstalk (dB/100m)

RL - Return Loss (dB)

TCL - Transverse Conversion Loss (dB/100m)

ATT - Attenuation (dB/100m)

FREQUENCY (MHz)	ATT (dB/100m)	RL (dB)	ACR (dB)	Next (dB)	PSNEXT (dB)	TCL (dB/100m)	ELFEXT (dB/100m)	PSELFEXT dB/100m)
0.772	1.8	20	74.2	76.0	74.0	40.0	-	-
1	2.0	21	72.3	74.3	72.3	40.0	67.8	64.8
4	3.8	23.4	61.5	65.3	63.3	40.0	55.7	52.8
8	5.3	24.6	55.4	60.8	58.8	40.0	49.7	46.7
10	6.0	25	53.3	59.3	57.3	40.0	47.8	44.8
16	7.6	25	48.6	56.2	54.2	38.0	43.7	40.7
20	8.5	25	46.2	54.8	52.8	37.0	41.7	38.8
25	9.5	24.3	43.7	53.3	51.3	36.0	39.8	36.8
31.25	10.7	23.6	41.1	51.9	49.9	35.1	37.9	34.8
62.5	15.7	21.5	31.7	47.4	45.4	32.0	31.8	28.9
100	19.8	20.1	24.1	44.3	42.3	30.0	27.8	24.8
200	29.0	18	10.0	39.8	37.8	27.0	21.8	18.8
250	32.8	17.3	4.6	38.3	36.3	26.0	19.8	16.8
300	36.4	16.8	0.7	37.1	35.1	-	18.3	15.3
350	39.8	16.3	-	36.1	34.1	-	16.9	13.9
400	43.0	15.9	-	35.3	33.3	-	15.8	12.8
500	48.9	15.2	-	33.8	31.8	-	13.8	10.8
550	51.8	14.9	-	33.2	31.2	-	13.0	10.0

\*Electrical performance with frequency over 250MHz is only for reference\*

AVAILABLE JACKET COLORS		
STANDARD	BLACK	
SPECIAL	Per Customer Request*	
INSULATION COLORS		
PAIR 1	BLUE	WHITE
PAIR 2	ORANGE	WHITE
PAIR 3	GREEN	WHITE
PAIR 4	BROWN	WHITE

### JACKETS ABBREVIATION

Black	B	Last alphabetical character of each part number indicates the color code that the Jacket is available in. For example Part # 6CMR244Bx ("x" indicates all the colors to the left are available for this product.
White	W	
Gray	G	
Blue	O	
Yellow	Y	
Green	V	
Orange	OR	
Purple	P	
Red	R	
Pink	PI	

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\*All values in this specification are nominal and are subjective to tolerances of +/- 10 to 15%.  
It is the sole responsibility of the user to have the most current specification. Specifications are subject to change without notice\*

# CAT6 23AWG/4PAIR 550MHz DIRECT BURIAL WATERBLOCK TAPE U/UTP

**PART NO. 6OUTW234RB**

## DESCRIPTION

- 23 AWG 4 Pair U/UTP Category 6 cable tested to 550Mhz premium grade, high performance for top level network cabling for maximum headroom and bandwidth. Available in wood reel for easier installation.

## FEATURES AND BENEFITS

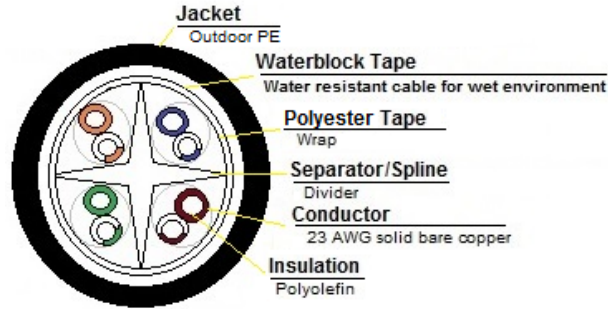
- Cross web filler for enhanced performance
- Rugged jacket for outside plant applications
- UV resistant polyethylene jacket
- Water blocking tape
- Sequential footage markings
- Verified by third-party for guaranteed performance

## APPLICATIONS

- IEEE 802.3 1000Base-T, 100Base-Tx  
10Base-T, PoE+
- ANSI/TIA 854: 1000Base-TX
- CDDI, Token Ring, ATM
- Digital Video
- Broadband and Baseband Analog Video

## STANDARD COMPLIANCES

- ANSI/TIA 568-C.2
- ANSI/TIA 862 (Building Automation)
- ISO/IEC 11801 Ed. 2.0 (Class EI)
- ICEA 8-102-700 (Category 6 or 5E)
- REACH Compliant
- CPR Compliant (Fully Complies to 305/2011 & EN 50575:2014-09)
- RoHS Compliant Directive 2002/95/EG



## PHYSICAL PROPERTIES

Conductor	Material	Solid Bare Copper
	Diameter (mm)	0.55
Insulation	Material	PE
	Average Thickness (mm)	0.215
	Insulation Dia. (±0.05mm)	0.98
	Minimum point Thickness (mm)	0.18
Construction		Direct Burial/Waterblock Tape
Twisting Lay Length		30 Underneath
Twisting Pair Diameter (±0.05mm)		1.96
Cabling Lay Length (±20mm)		90
Jacket	Material	PE / UV Rated
	Average Thickness (mm)	0.6
	Minimum Point Thickness (mm)	0.5
	Outer Diameter (±0.5mm)	6.8
Rip Cord		Yes
Put/UPs	Length	1000ft ± 4ft
	Weight	30 lbs/Reel
Voltage Rating (Max)		DC 300V



## ELECTRICAL CHARACTERISTICS

1.0 - 100.0MHz characteristic impedance (ohms)		100±15
1.0 - 350.0MHz Delay Skew (ns/100m)		≤45
Pair - To - Ground Capacitance Unbalance (pF/100m)		≤330
Max. Conductor DC Resistance 20°C (ohms/100m)		9.38
Resistance Unbalance (%)		≤5
Before Aging	Tensile Strength (Mpa)	≥10
	Elongation (%)	≥350
After Aging	Tensile Strength (Mpa)	-
	Elongation (%)	≥300
Aging Condition (°C x hrs)		100 x 168
Cold Bend (No Visible Crack)		-40±2°C
Temperature Range		-40°C ~ 60°C
Velocity of Propagation (%)		68



1000' Wood Reel  
Weight: 30 lbs.

## AVAILABLE CATEGORY 6 (PART NUMBERS)

PVC	Plenum	Shielded	Shielded Plenum	Direct Burial	Shielded Direct Burial
6CMR244Bx	6CMP234Bx	6SHDCMRRx	6SHDCMPRx	6OUT234RB	6OUTGSHDRB
6CMR234Bx				6OUTG234RB	6OUTWSHDRB
				<b>6OUTW234RB</b>	
				6OUTA234RB	

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## ELECTRICAL PERFORMANCE

ACRF - Attenuation to Crosstalk Ratio - Far End (dB/100m)

NEXT - Near End Crosstalk (dB/100m)

ACR - Attenuation to Crosstalk Ratio (dB/100m)

PSNEXT - Power Sum Near End Crosstalk (dB/100m)

ELFEXT - Equal Level Far End Crosstalk (dB/100m)

PSELFEXT - Power Sum Equal Level Far End Crosstalk (dB/100m)

RL - Return Loss (dB)

TCL - Transverse Conversion Loss (dB/100m)

ATT - Attenuation (dB/100m)

FREQUENCY (MHz)	ATT (dB/100m)	RL (dB)	ACR (dB)	Next (dB)	PSNEXT (dB)	TCL (dB/100m)	PHASE DELAY	ELFEXT (dB/100m)	PSELFEXT dB/100m)
0.772	1.8	20	74.2	76.0	74.0	40.0	-	-	-
1	2.0	21	72.3	74.3	72.3	40.0	570.0	67.8	64.8
4	3.8	23.4	61.5	65.3	63.3	40.0	552.0	55.7	52.8
8	5.3	24.6	55.4	60.8	58.8	40.0	546.7	49.7	46.7
10	6.0	25	53.3	59.3	57.3	40.0	545.4	47.8	44.8
16	7.6	25	48.6	56.2	54.2	38.0	543.0	43.7	40.7
20	8.5	25	46.2	54.8	52.8	37.0	542.1	41.7	38.8
25	9.5	24.3	43.7	53.3	51.3	36.0	541.2	39.8	36.8
31.25	10.7	23.6	41.1	51.9	49.9	35.1	540.4	37.9	34.8
62.5	15.7	21.5	31.7	47.4	45.4	32.0	538.6	31.8	28.9
100	19.8	20.1	24.1	44.3	42.3	30.0	537.6	27.8	24.8
200	29.0	18	10.0	39.8	37.8	27.0	536.5	21.8	18.8
250	32.8	17.3	4.6	38.3	36.3	26.0	536.3	19.8	16.8
300	36.4	16.8	0.7	37.1	35.1	-	536.1	18.3	15.3
350	39.8	16.3	-	36.1	34.1	-	535.9	16.9	13.9
400	43.0	15.9	-	35.3	33.3	-	535.8	15.8	12.8
500	48.9	15.2	-	33.8	31.8	-	535.6	13.8	10.8
550	51.8	14.9	-	33.2	31.2	-	535.5	13.0	10.0

\*Electrical performance with frequency over 250MHz is only for reference\*

AVAILABLE JACKET COLORS		
STANDARD	BLACK	
SPECIAL	Per Customer Request*	
INSULATION COLORS		
PAIR 1	BLUE	WHITE
PAIR 2	ORANGE	WHITE
PAIR 3	GREEN	WHITE
PAIR 4	BROWN	WHITE

## JACKETS ABBREVIATION

Black	B	Last alphabetical character of each part number indicates the color code that the Jacket is available in. For example Part # 6CMR244Bx ("x" indicates all the colors to the left are available for this product.
White	W	
Gray	G	
Blue	O	
Yellow	Y	
Green	V	
Orange	OR	
Purple	P	
Red	R	
Pink	PI	

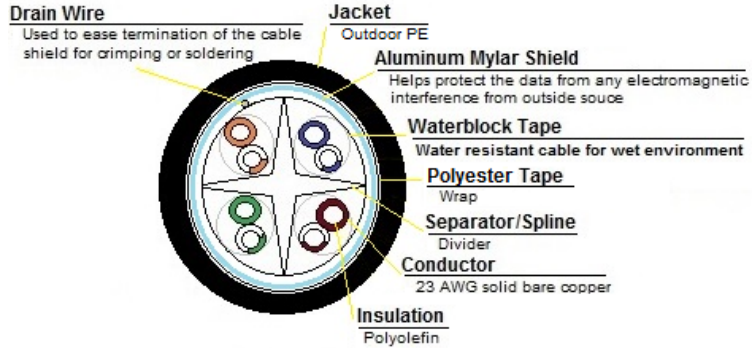
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# CAT6 23AWG/4PAIR 550MHz DIRECT BURIAL WATERBLOCK TAPE SHIELDED F/UTP

## PART NO. 6OUTWSHDRB



### DESCRIPTION

- 23 AWG 4 Pair F/UTP Category 6 cable tested to 550Mhz premium grade, high performance for top level network cabling for maximum headroom and bandwidth. Available in wood reel for easier installation.

### FEATURES AND BENEFITS

- Cross web filler for enhanced performance
- Rugged jacket for outside plant applications
- UV resistant polyethylene jacket
- Water blocking tape
- Sequential footage markings
- Verified by third-party for guaranteed performance

### APPLICATIONS

- IEEE 802.3 1000Base-T, 100Base-Tx 10Base-T, PoE+
- ANSI/TIA 854: 1000Base-TX
- CDDI, Token Ring, ATM
- Digital Video
- Broadband and Baseband Analog Video

### STANDARD COMPLIANCES

- ANSI/TIA 568-C.2
- ANSI/TIA 862 (Building Automation)
- ISO/IEC 11801 Ed. 2.0 (Class EI)
- ICEA 8-102-700 (Category 6 or 5E)
- REACH Compliant
- CPR Compliant (Fully Complies to 305/2011 & EN 50575:2014-09)
- RoHS Compliant Directive 2002/95/EG

### PHYSICAL PROPERTIES

Conductor	Material	Bare copper
	Nominal O.D (mm)	0.57
Insulation	Material	HDPE
	Diameter (± 0.05mm)	1.12
Screen Material		AL-FOIL
Construction		Direct Burial/Waterblock Tape/Shielded
Jacket	Material	LLDPE / UV Rated
	Average Thickness (mm)	0.6
	Minimum Point Thickness (mm)	0.5
	Outer Diameter (±0.5mm)	7.8
Rip Cord:		Yes
Drain Wire:		1/0.4mm TC
Put/UPs	Length	1000ft ± 4ft
	Weight	41 lbs/Reel
Voltage Rating (Max)		DC 300V



### ELECTRICAL CHARACTERISTICS

1.0 - 250.0MHz characteristic impedance (ohms)		100±15
250.0 - 600.0MHz characteristic impedance (ohms)		100±25
1.0 - 350.0MHz Delay Skew (ns/100m)		≤45
Pair - To - Ground Capacitance Unbalance (pF/100m)		≤330
Max. Conductor DC Resistance 20°C (ohms/100m)		9.38
Resistance Unbalance (%)		≤5
NVP		68%
Before Aging	Tensile Strength (Mpa)	≥10
	Elongation (%)	≥350
After Aging	Tensile Strength (Mpa)	-
	Elongation (%)	≥300
Aging Period (°C x hrs)		100°C x 24h x 10d
Cold Bend (No Visible Crack)		-40±2°C
Temperature Range		-40°C ~ +75°C
Velocity of Propagation (%)		68



1000' Wood Reel  
Weight: 41 lbs.

### AVAILABLE CATEGORY 6 (PART NUMBERS)

PVC	Plenum	Shielded	Shielded Plenum	Direct Burial	Shielded Direct Burial
6CMR244Bx	6CMP234Bx	6SHDCMRRx	6SHDCMPRx	6OUT234RB	6OUTGSHDRB
6CMR234Bx				6OUTG234RB	<b>6OUTWSHDRB</b>
				6OUTW234RB	
				6OUTA234RB	

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## ELECTRICAL PERFORMANCE

ACRF - Attenuation to Crosstalk Ratio - Far End (dB/100m)

NEXT - Near End Crosstalk (dB/100m)

ACR - Attenuation to Crosstalk Ratio (dB/100m)

PSNEXT - Power Sum Near End Crosstalk (dB/100m)

ELFEXT - Equal Level Far End Crosstalk (dB/100m)

PSELFEXT - Power Sum Equal Level Far End Crosstalk (dB/100m)

RL - Return Loss (dB)

TCL - Transverse Conversion Loss (dB/100m)

ATT - Attenuation (dB/100m)

FREQUENCY (MHz)	ATT (dB/100m)	RL (dB)	ACR (dB)	Next (dB)	PSNEXT (dB)	TCL (dB/100m)	PHASE DELAY	ELFEXT (dB/100m)	PSELFEXT dB/100m)
0.772	1.8	20	74.2	76.0	74.0	40.0	-	-	-
1	2.0	21	72.3	74.3	72.3	40.0	570.0	67.8	64.8
4	3.8	23.4	61.5	65.3	63.3	40.0	552.0	55.7	52.8
8	5.3	24.6	55.4	60.8	58.8	40.0	546.7	49.7	46.7
10	6.0	25	53.3	59.3	57.3	40.0	545.4	47.8	44.8
16	7.6	25	48.6	56.2	54.2	38.0	543.0	43.7	40.7
20	8.5	25	46.2	54.8	52.8	37.0	542.1	41.7	38.8
25	9.5	24.3	43.7	53.3	51.3	36.0	541.2	39.8	36.8
31.25	10.7	23.6	41.1	51.9	49.9	35.1	540.4	37.9	34.8
62.5	15.7	21.5	31.7	47.4	45.4	32.0	538.6	31.8	28.9
100	19.8	20.1	24.1	44.3	42.3	30.0	537.6	27.8	24.8
200	29.0	18	10.0	39.8	37.8	27.0	536.5	21.8	18.8
250	32.8	17.3	4.6	38.3	36.3	26.0	536.3	19.8	16.8
300	36.4	16.8	0.7	37.1	35.1	-	536.1	18.3	15.3
350	39.8	16.3	-	36.1	34.1	-	535.9	16.9	13.9
400	43.0	15.9	-	35.3	33.3	-	535.8	15.8	12.8
500	48.9	15.2	-	33.8	31.8	-	535.6	13.8	10.8
550	51.8	14.9	-	33.2	31.2	-	535.5	13.0	10.0

\*Electrical performance with frequency over 250MHz is only for reference\*

### AVAILABLE JACKET COLORS

STANDARD	BLACK	
SPECIAL	Per Customer Request*	
INSULATION COLORS		
PAIR 1	BLUE	WHITE
PAIR 2	ORANGE	WHITE
PAIR 3	GREEN	WHITE
PAIR 4	BROWN	WHITE

### JACKETS ABBREVIATION

Black	B	Last alphabetical character of each part number indicates the color code that the Jacket is available in. For example Part # 6CMR244Bx ("x" indicates all the colors to the left are available for this product.
White	W	
Gray	G	
Blue	O	
Yellow	Y	
Green	V	
Orange	OR	
Purple	P	
Red	R	
Pink	PI	

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# CAT6 23AWG/4PAIR CMP 600MHz SHIELDED PLENUM F/UTP

**PART NO. 6SHDCMPRX**

## DESCRIPTION

- 23 AWG 4 Pair F/UTP Category 6 cable tested to 600Mhz premium grade, high performance for top level network cabling for maximum headroom and bandwidth. Available in wood reel for easier installation.

## FEATURES AND BENEFITS

- Cross web filler for enhanced performance
- Improved cable temperature rating (90°C Plenum) for greater protection against increased operating temperatures.
- Sequential footage markings
- Verified by third-party for guaranteed performance

## APPLICATIONS

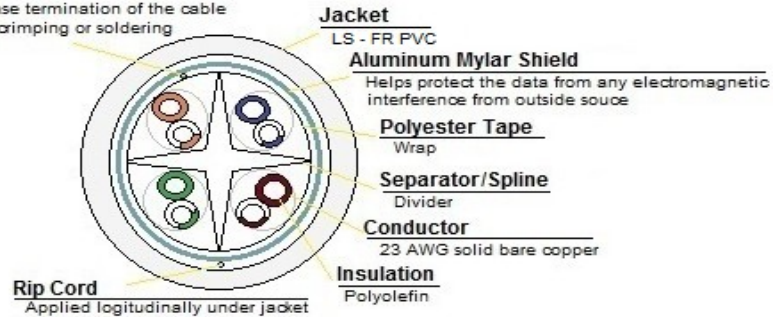
- IEEE 802.3 1000Base-T, 100Base-Tx, 10Base-T, PoE+
- ANSI/TIA 854: 1000Base-TX
- CDDI, Token Ring, ATM
- Digital Video
- Broadband and Baseband Analog Video

## STANDARD COMPLIANCES

- ANSI/TIA 568-C.2
- ANSI/TIA 862 (Building Automation)
- ISO/IEC 11801 Ed. 2.0 (Class EI)
- ICEA 8-102-700 (Category 6 or 5E)
- REACH Compliant
- CPR Compliant (Fully Complies to 305/2011 & EN 50575:2014-09)
- RoHS Compliant Directive 2002/95/EG

### Drain Wire

Used to ease termination of the cable shield for crimping or soldering



## PHYSICAL PROPERTIES

Conductor	Material	Bare copper
	Nominal Outside Diameter (mm):	0.565
Insulation	Material	FEP
	Diameter (± 0.05mm)	1.09
Filler		Low Smoke
Construction		Shielded/Plenum
Jacket	Material	LS-FR PVC
	Average Thickness (mm)	0.5
	Minimum Point Thickness (mm)	0.43
	Outside Diameter (±0.5mm)	7.1
Rip Cord:		Yes
Drain Wire:		0.4TC
Put/UPs	Length	1000ft ± 4ft
	Weight	48 lbs/Reel
Voltage Rating (Max)		DC 300V
Flame Test Method		CMP



## ELECTRICAL CHARACTERISTICS

1.0 - 250.0MHz impedance (Ω)		100±15
1.0 - 100.0MHz Delay Skew (ns/100m)		≤45
Capacitance Unbalance (pF/100m)		≤330
Max. Conductor DC Resistance Unbalance (%)		5.0
Max. DC Resistance (Ω/100m)		9.38
Before Aging	Tensile Strength (Mpa)	≥13.8
	Elongation (%)	≥100
After Aging	Tensile Strength (Mpa)	≥85% of unaged
	Elongation (%)	≥75
Aging Period (°C x hrs)		100°C x 24h x 7d
Cold Bend (No Visible Crack)		-20±2°C
Temperature Range		-20°C ~ +75°C
NVP		69%



1000' Wood Reel  
Weight: 48 lbs.

## AVAILABLE CATEGORY 6 (PART NUMBERS)

PVC	Plenum	Shielded	Shielded Plenum	Direct Burial	Shielded Direct Burial
6CMR244Bx	6CMP234Bx	6SHDCMRRx	<b>6SHDCMPRX</b>	6OUT234RB	6OUTGSHDRB
6CMR234Bx				6OUTG234RB	6OUTWSHDRB
				6OUTW234RB	
				6OUTA234RB	

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## ELECTRICAL PERFORMANCE

ACRF - Attenuation to Crosstalk Ratio - Far End (dB/100m)

NEXT - Near End Crosstalk (dB/100m)

ACR - Attenuation to Crosstalk Ratio (dB/100m)

PSNEXT - Power Sum Near End Crosstalk (dB/100m)

ELFEXT - Equal Level Far End Crosstalk (dB/100m)

PSELFEXT - Power Sum Equal Level Far End Crosstalk (dB/100m)

RL - Return Loss (dB)

TCL - Transverse Conversion Loss (dB/100m)

ATT - Attenuation (dB/100m)

FREQUENCY (MHz)	ATT (dB/100m)	RL (dB)	ACR (dB)	Next (dB)	PSNEXT (dB)	TCL (dB/100m)	PHASE DELAY	ELFEXT (dB/100m)	PSELFEXT dB/100m)
0.772	1.8	20	74.2	76.0	74.0	40.0	-	-	-
1	2.0	21	72.3	74.3	72.3	40.0	570.0	67.8	64.8
4	3.8	23.4	61.5	65.3	63.3	40.0	552.0	55.7	52.8
8	5.3	24.6	55.4	60.8	58.8	40.0	546.7	49.7	46.7
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20	8.5	25	46.2	54.8	52.8	37.0	542.1	41.7	38.8
25	9.5	24.3	43.7	53.3	51.3	36.0	541.2	39.8	36.8
31.25	10.7	23.6	41.1	51.9	49.9	35.1	540.4	37.9	34.8
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100	19.8	20.1	24.1	44.3	42.3	30.0	537.6	27.8	24.8
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250	32.8	17.3	4.6	38.3	36.3	26.0	536.3	19.8	16.8
300	36.4	16.8	0.7	37.1	35.1	-	536.1	18.3	15.3
350	39.8	16.3	-	36.1	34.1	-	535.9	16.9	13.9
400	43.0	15.9	-	35.3	33.3	-	535.8	15.8	12.8
500	48.9	15.2	-	33.8	31.8	-	535.6	13.8	10.8
550	51.8	14.9	-	33.2	31.2	-	535.5	13.0	10.0
600	54.2	14.7	-	32.9	30.9	-	535.4	12.2	9.2

\*Electrical performance with frequency over 250MHz is only for reference

AVAILABLE JACKET COLORS			
STANDARD	BLUE	WHITE	GRAY
	BLACK	RED	GREEN
	YELLOW	ORANGE	PURPLE
	PINK		
SPECIAL	Per Customer Request*		
INSULATION COLORS			
PAIR 1	BLUE	WHITE	
PAIR 2	ORANGE	WHITE	
PAIR 3	GREEN	WHITE	
PAIR 4	BROWN	WHITE	

## JACKETS ABBREVIATION

Black	B	Last alphabetical character of each part number indicates the color code that the Jacket is available in. For example Part # 6CMR244Bx ("x" indicates all the colors to the left are available for this product.
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Pink	PI	

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# CAT6 23AWG/4PAIR CMR 550MHz SHIELDED F/UTP

**PART NO. 6SHDCMRRX**

## DESCRIPTION

- 23 AWG 4 Pair F/UTP Category 6 cable tested to 550Mhz premium grade, high performance for top level network cabling for maximum headroom and bandwidth. Available in wood reel for easier installation.

## FEATURES AND BENEFITS

- Cross web filler for enhanced performance
- Improved cable temperature rating (75°C Riser) for greater protection against increased operating temperatures.
- Sequential footage markings
- Verified by third-party for guaranteed performance

## APPLICATIONS

- IEEE 802.3 1000Base-T, 100Base-Tx 10Base-T, PoE+
- ANSI/TIA 854: 1000Base-TX
- CDDI, Token Ring, ATM
- Digital Video
- Broadband and Baseband Analog Video

## STANDARD COMPLIANCES

- ANSI/TIA 568-C.2
- ANSI/TIA 862 (Building Automation)
- ISO/IEC 11801 Ed. 2.0 (Class EI)
- ICEA 8-102-700 (Category 6 or 5E)
- REACH Compliant
- CPR Compliant (Fully Complies to 305/2011 & EN 50575:2014-09)
- RoHS Compliant Directive 2002/95/EG

### Drain Wire

Used to ease termination of the cable shield for crimping or soldering

### Jacket

FR - PVC

### Aluminum Mylar Shield

Helps protect the data from any electromagnetic interference from outside source

### Polyester Tape

Wrap

### Separator/Spline

Divider

### Conductor

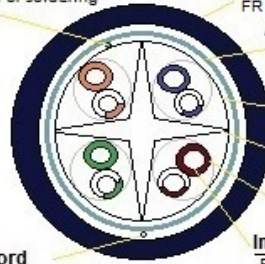
23 AWG solid bare copper

### Insulation

Polyolefin

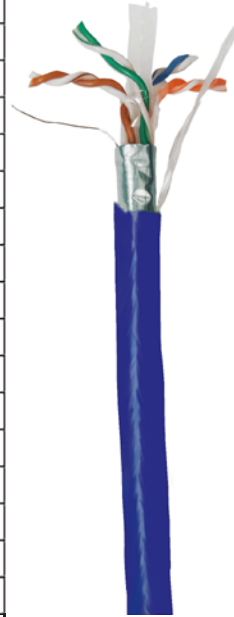
### Rip Cord

Applied longitudinally under jacket



## PHYSICAL PROPERTIES

Conductor	Material	Solid Bare Copper
	Diameter (mm)	0.565
Insulation	Material	HDPE
	Average Thickness (mm)	0.27
	Insulation Dia. (±0.05mm)	1.12
	Minimum point Thickness (mm)	0.17
Construction		Shielded/PVC
Twisting Lay Length		30 underneath
Cabling Lay Length (±20mm)		90
Jacket	Material	FR-PVC
	Average Thickness (mm)	0.55
	Minimum Point Thickness (mm)	0.43
	Outer Diameter (±0.5mm)	7.3
Rip Cord		Per Request
Put/UPs	Length	1000ft ± 4ft
	Weight	49 lbs/Reel
Voltage Rating (Max)		DC 300V
Flame Test Method		CMP



## ELECTRICAL CHARACTERISTICS

1.0 - 100.0MHz impedance (ohms)		100±15
1.0 - 100.0MHz Delay Skew (ns/100m)		≤45
Pair-to-Ground Capacitance Unbalance (pF/100m)		≤330
Max. Conductor DC Resistance 20°C (ohms/100m)		9.38
Resistance Unbalance (%)		≤5
Before Aging	Tensile Strength (Mpa)	≥13.8
	Elongation (%)	≥100
After Aging	Tensile Strength (Mpa)	≥85% of unaged
	Elongation (%)	≥75
Aging Condition (xhrs)		100x240
Temperature Range		-20 ~ 75°C
Cold Bend (No Visible Crack)		-20±2°C



1000' Wood Reel  
Weight: 49 lbs.

## AVAILABLE CATEGORY 6 (PART NUMBERS)

PVC	Plenum	Shielded	Shielded Plenum	Direct Burial	Shielded Direct Burial
6CMR244Bx	6CMP234Bx	<b>6SHDCMRRx</b>	6SHDCMPRx	6OUT234RB	6OUTGSHDRB
6CMR234Bx				6OUTG234RB	6OUTWSHDRB
				6OUTW234RB	
				6OUTA234RB	

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**ELECTRICAL PERFORMANCE**

ACRF - Attenuation to Crosstalk Ratio - Far End (dB/100m)

NEXT - Near End Crosstalk (dB/100m)

ACR - Attenuation to Crosstalk Ratio (dB/100m)

PSNEXT - Power Sum Near End Crosstalk (dB/100m)

ELFEXT - Equal Level Far End Crosstalk (dB/100m)

PSELFEXT - Power Sum Equal Level Far End Crosstalk (dB/100m)

RL - Return Loss (dB)

TCL - Transverse Conversion Loss (dB/100m)

ATT - Attenuation (dB/100m)

FREQUENCY (MHz)	ATT (dB/100m)	RL (dB)	ACR (dB)	Next (dB)	PSNEXT (dB)	TCL (dB/100m)	PHASE DELAY	ELFEXT (dB/100m)	PSELFEXT dB/100m)
0.772	1.8	20	74.2	76.0	74.0	40.0	-	-	-
1	2.0	21	72.3	74.3	72.3	40.0	570.0	67.8	64.8
4	3.8	23.4	61.5	65.3	63.3	40.0	552.0	55.7	52.8
8	5.3	24.6	55.4	60.8	58.8	40.0	546.7	49.7	46.7
10	6.0	25	53.3	59.3	57.3	40.0	545.4	47.8	44.8
16	7.6	25	48.6	56.2	54.2	38.0	543.0	43.7	40.7
20	8.5	25	46.2	54.8	52.8	37.0	542.1	41.7	38.8
25	9.5	24.3	43.7	53.3	51.3	36.0	541.2	39.8	36.8
31.25	10.7	23.6	41.1	51.9	49.9	35.1	540.4	37.9	34.8
62.5	15.7	21.5	31.7	47.4	45.4	32.0	538.6	31.8	28.9
100	19.8	20.1	24.1	44.3	42.3	30.0	537.6	27.8	24.8
200	29.0	18	10.0	39.8	37.8	27.0	536.5	21.8	18.8
250	32.8	17.3	4.6	38.3	36.3	26.0	536.3	19.8	16.8
300	36.4	16.8	0.7	37.1	35.1	-	536.1	18.3	15.3
350	39.8	16.3	-	36.1	34.1	-	535.9	16.9	13.9
400	43.0	15.9	-	35.3	33.3	-	535.8	15.8	12.8
500	48.9	15.2	-	33.8	31.8	-	535.6	13.8	10.8
550	51.8	14.9	-	33.2	31.2	-	535.5	13.0	10.0

\*Electrical performance with frequency over 250MHz is only for reference

**AVAILABLE JACKET COLORS**

STANDARD	BLUE	WHITE	GRAY
	BLACK	RED	GREEN
	YELLOW	ORANGE	PURPLE
	PINK		
	SPECIAL	Per Customer Request*	
INSULATION COLORS			
PAIR 1	BLUE		WHITE
PAIR 2	ORANGE		WHITE
PAIR 3	GREEN		WHITE
PAIR 4	BROWN		WHITE

**JACKETS ABBREVIATION**

Black	B	Last alphabetical character of each part number indicates the color code that the Jacket is available in. For example Part # 6CMR244Bx ("x" indicates all the colors to the left are available for this product.
White	W	
Gray	G	
Blue	O	
Yellow	Y	
Green	V	
Orange	OR	
Purple	P	
Red	R	
Pink	PI	

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550	51.8	14.9	-	33.2	31.2	-	535.5	13.0	10.0
600	54.2	14.7	-	32.9	30.9	-	535.4	12.2	9.2

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