

Inside Wire

Category 6 Plus Plenum

Category 6 Plus Plenum has a cross web design for maximum pair separation. It features sequential footage markings that count down to zero feet -- removing the guess work concerning how much wire remains inside the box or on the reel.

- NEC/CEC Type CMP (NFPA 262) for Plenum
- UL listed
- UL verified category compliant
- Wire specification table on page 102
- RoHS compliant

PREMIER®

Item No.	Mfg. Part No.	Description
0000125682	7131940	4 Pair 23 Gauge Blue 1000 Foot Reel-In-A-Box
0000125683	7131942	4 Pair 23 Gauge Yellow 1000 Foot Reel-In-A-Box
0000155805	7131941	4 Pair 23 Gauge White 1000 Foot Reel-In-A-Box

Category 6 Plus Riser

Category 6 Plus Riser has a cross web design for maximum pair separation. It features sequential footage markings that count down to zero feet -- removes the guess work concerning how much wire remains inside the box or on the reel.

- NEC/CEC Type CMR (UL 1666) for Non-Plenum
- UL listed
- UL verified category compliant
- Wire specification table on page 102
- RoHS compliant

PREMIER

Item No.	Mfg. Part No.	Description
0000059355	7133940	4 Pair 23 Gauge Blue 1000 Foot Reel-In-A-Box
0000125684	7133942	4 Pair 23 Gauge Yellow 1000 Foot Reel-In-A-Box
0000115854	7133944	4 Pair 23 Gauge Red 1000 Foot Reel-In-A-Box

PREMIER Category 6 CMP/CMR

PREMIER Category 6 cable meets all of the TIA specifications and also saves on installation time, expense and ensures product quality during the installation. The innovative design, which does not utilize cross web filler, provides a smaller cable diameter than most other category 6 cables.

CMP

- Conductor: 23 AWG (0.57 mm) Solid Annealed Bare Copper
- Insulation: FEP
- Tape Separator
- Jacket: Flame Retardant Low Smoke PVC (Polyvinyl Chloride)
- Wire specification table on page 102

CMR

- Conductor: 23 AWG (0.57 mm) Solid Annealed Bare Copper
- Insulation: Thermoplastic
- Tape Separator
- Jacket: Flame Retardant PVC (Polyvinyl Chloride)
- Wire specification table on page 102

PREMIER

	Item No.	Mfg. Part No.	Description
CMP	0000177611	177611	PREMIER 4 Pair 23 Gauge Plenum Blue 1000' Pop Box
CMP	0000177612	177612	PREMIER 4 Pair 23 Gauge Plenum White 1000' Pop Box
CMR	0000177609	177609	PREMIER 4 Pair 23 Gauge Riser Blue 1000' Pop Box
CMR	0000177610	177610	PREMIER 4 Pair 23 Gauge Riser White 1000' Pop Box

Inside Wire

Category 5e Plenum

Category 5e Plenum engineered to provide stable and continues performance. It features sequential footage markings that count down to zero feet -- removing the guess work concerning how much wire remains inside the box or on the reel.

- NEC/CEC Type CMP (NFPA 262) for Plenum
- UL listed
- UL verified category compliant
- Wire specification table on page 111
- RoHS compliant

PREMIER®

Item No.	Mfg. Part No.	Description
2011197521	C5E100P-004BL24PM	4 Pair 24 Gauge Blue 1000 Foot Pop Box
2010957521	C5E100P-004BL24BM	4 Pair 24 Gauge Blue 1000 Foot Reel-In-A-Box
0000014260	C5E100P-004GY24PM	4 Pair 24 Gauge Gray 1000 Foot Pop Box
0000014259	C5E100P-004GY24BM	4 Pair 24 Gauge Gray 1000 Foot Reel-In-A-Box
0000014258	C5E100P-004GN24PM	4 Pair 24 Gauge Green 1000 Foot Pop Box
2011207521	C5E100P-004WH24PM	4 Pair 24 Gauge White 1000 Foot Pop Box
2010947521	C5E100P-004WH24BM	4 Pair 24 Gauge White 1000 Foot Reel-In-A-Box
0000014261	C5E100P-004YL24PM	4 Pair 24 Gauge Yellow 1000 Foot Pop Box
0000093071	C5E100P-004OR24PM	4 Pair 24 Gauge Orange 1000 Foot Pop Box
0000128025	C5E100P-004BLK24PM	4 Pair 24 Gauge Black 1000 Foot Pop Box
0000069982	C5EP-025WH24RM	25 Pair 24 Gauge White 1000 Foot Reel

Category 5e Riser

Category 5e Riser engineered to provide stable and continuous performance. It features sequential footage markings that count down to zero feet -- removing the guess work concerning how much wire remains inside the box or on the reel.

- NEC/CEC Type CMR (UL 1666) for Non-Plenum
- UL listed
- UL verified category compliant
- Wire specification table on page 111
- RoHS compliant

PREMIER®

Item No.	Mfg. Part No.	Description
2011167521	C5E100R-004BL24PM	4 Pair 24 Gauge Blue 1000 Foot Pop Box
2010927521	C5E100R-004BL24BM	4 Pair 24 Gauge Blue 1000 Foot Reel-In-A-Box
2011157521	C5E100R-004GY24PM	4 Pair 24 Gauge Gray 1000 Foot Pop Box
0000014263	C5E100R-004GY24BM	4 Pair 24 Gauge Gray 1000 Foot Reel-In-A-Box
0000014262	C5E100R-004GN24PM	4 Pair 24 Gauge Green 1000 Foot Pop Box
0000107605	C5E100R-004RD24PM	4 Pair 24 Gauge Red 1000 Foot Pop Box
2011187521	C5E100R-004WH24PM	4 Pair 24 Gauge White 1000 Foot Pop Box
2010937521	C5E100R-004WH24BM	4 Pair 24 Gauge White 1000 Foot Reel-In-A-Box
0000014265	C5E100R-004YL24PM	4 Pair 24 Gauge Yellow 1000 Foot Pop Box
0000284693	5133762E	4 Pair 24 Gauge Ivory 600 Foot Pop Box
0000099749	C5E100R-004BLK24PM	4 Pair 24 Gauge Black 1000 Foot Pop Box
0000069983	C5E100R-025GY24	25 Pair 24 Gauge Gray 1000 Foot Reel

Inside Wire

Category 5e Riser Screened

Category 5e screened cable has a aluminum foil shield to reduce electromagnetic interference for optimal performance. Cable also features gauge rain wire for grounding. It features sequential footage markings that count down to zero feet, removing the guess work concerning how much wire remains on the spool.

- NEC/CEC Type CMR (UL 1666) for Non-Plenum
- UL listed
- UL verified category compliant
- Wire specification table on page 111
- RoHS compliant

PREMIER®

Item No.	Mfg. Part No.	Description
0000146590	2133495E	4 Pair 24 Gauge Gray CMR 1000 Foot Reel

PREMIER Category 5e CMP/CMR

PREMIER Category 5e cable meets all of the TIA/EIA 568-B.2 specifications and also saves on installation time, expense and ensures product quality during the installation. PREMIER Cable offers a count down feature, which marks the exact cable remaining in the box and large opening payout design (reducing tension on the wire as it is pulled).

CMP

- Conductor: 23 AWG (0.57 mm) Solid Annealed Bare Copper
- Insulation: FEP
- Tape Separator
- Jacket: Flame Retardant Low Smoke PVC (Polyvinyl Chloride)

CMR

- Conductor: 24 AWG (0.5 mm) Solid Annealed Bare Copper
- Insulation: Thermoplastic
- Jacket: Flame Retardant PVC (Polyvinyl Chloride)
- Wire specification table on page 111

PREMIER

	Item No.	Mfg. Part No.	Description
CMP	0000177615	177615	PREMIER 4 Pair 24 Gauge Plenum Blue 1000' Pop Box
CMP	0000177616	177616	PREMIER 4 Pair 24 Gauge Plenum White 1000' Pop Box
CMR	0000177613	177613	PREMIER 4 Pair 24 Gauge Riser Blue 1000' Pop Box
CMR	0000177614	177614	PREMIER 4 Pair 24 Gauge Riser White 1000' Pop Box

Inside Wire

Category 3 Plenum

Category 3 Plenum for voice applications. It features sequential footage markings that count down to zero feet -- removing the guess work concerning how much wire remains inside the box or on the reel.

- NEC/CEC Type CMP
- UL listed
- UL verified category compliant
- RoHS compliant

PREMIER®

Item No.	Mfg. Part No.	Description
2018387521	C3P-004GY24PM	4 Pair 24 Gauge Gray 1000 Foot Pop Box
2016227521	C3P-004GY24BM	4 Pair 24 Gauge Gray 1000 Foot Reel-In-A-Box
2016927521	C3P-004WH24PM	4 Pair 24 Gauge White 1000 Foot Pop Box
0000125680	C3P-004WH24BM	4 Pair 24 Gauge White 1000 Foot Reel-In-A-Box
2018397521	C3P-006GY24RM	6 Pair 24 Gauge Gray 1000 Foot Reel
2017957521	C3P-025GY24RM	25 Pair 24 Gauge Gray 1000 Foot Reel
0000117910	C3P-050GY24RM	50 Pair 24 Gauge Gray 1000 Foot Reel
0000117911	C3P-100GY24RM	100 Pair 24 Gauge Gray 1000 Foot Reel
0000035359	C3P-200WH24RM	200 Pair 24 Gauge White 1000 Foot Reel

Category 3 Riser

Category 3 Riser for voice applications. It features sequential footage markings that count down to zero feet -- removing the guess work concerning how much wire remains inside the box or on the reel.

- NEC/CEC Type CMR
- UL listed
- UL verified category compliant
- RoHS compliant

PREMIER®

Item No.	Mfg. Part No.	Description
2015967521	C3R-002BG24PM	2 Pair 24 Gauge Beige 1000 Foot Pop Box
2015977521	C3R-002GY24PM	2 Pair 24 Gauge Gray 1000 Foot Pop Box
2015217521	C3R-003BG24PM	3 Pair 24 Gauge Beige 1000 Foot Pop Box
2015267521	C3R-003GY24PM	3 Pair 24 Gauge Gray 1000 Foot Pop Box
2016327521	C3R-004BG24PM	4 Pair 24 Gauge Beige 1000 Foot Pop Box
2016337521	C3R-004GY24PM	4 Pair 24 Gauge Gray 1000 Foot Pop Box
2016007521	C3R-004WH24PM	4 Pair 24 Gauge White 1000 Foot Pop Box
2016017521	C3R-006BG24PM	6 Pair 24 Gauge Beige 1000 Foot Pop Box
2015997521	C3R-006BG24RM	6 Pair 24 Gauge Beige 1000 Foot Reel
2014087521	C3R-006GY24PM	6 Pair 24 Gauge Gray 1000 Foot Pop Box
2016347521	C3R-012BG24RM	12 Pair 24 Gauge Beige 1000 Foot Reel
2016357521	C3R-012GY24RM	12 Pair 24 Gauge Gray 1000 Foot Reel
2015287521	C3R-025BG24RM	25 Pair 24 Gauge Beige 1000 Foot Reel
2015447521	C3R-025GY24RM	25 Pair 24 Gauge Gray 1000 Foot Reel
2015297521	C3R-050BG24RM	50 Pair 24 Gauge Beige 1000 Foot Reel
2015637521	C3R-050GY24RM	50 Pair 24 Gauge Gray 1000 Foot Reel
2015647521	C3R-100BG24RM	100 Pair 24 Gauge Beige 1000 Foot Reel
2015657521	C3R-100GY24RM	100 Pair 24 Gauge Gray 1000 Foot Reel
0000035361	C3R-200GY24RM	200 Pair 24 Gauge Gray 1000 Foot Reel
0000035362	C3R-300GY24RM	300 Pair 24 Gauge Gray 1000 Foot Reel

Inside Wire

Cat 6 Specification Table *

Characteristic Specs	Unit of Measure	Cat 6 Standard	PREMIER	Category 6	Category 6
		TIA 568-C.2	Category 6	GenSPEED 6	GenSPEED 6000
Insertion Loss (Max)	dB/100m (328ft)@ 20°C (68°F)	32.8 @ 250MHz	32.8 @ 250MHz	32.8 @ 250MHz	32.6 @ 250MHz
Attenuation to Crosstalk Ratio (Min)	dB/100m (328ft)	5.5 @ 250MHz	5.5 @ 250MHz	5.5 @ 250MHz	10.7 @ 250MHz
Power Sum ACR (Min)	dB/100m (328ft)	3.5 @ 250MHz	3.5 @ 250MHz	3.5 @ 250MHz	8.7 @ 250MHz
Power Sum Near End Crosstalk (Min)	dB/100m (328ft)	36.3 @ 250MHz	36.3 @ 250MHz	36.3 @ 250MHz	41.3 @ 250MHz
Power Sum ACRF (Min)	dB/100m (328ft)	16.8 @ 250MHz	16.8 @ 250MHz	16.8 @ 250MHz	21.8 @ 250MHz
Return Loss (Min)	dB/100m (328ft)	17.3 @ 250MHz	17.3 @ 250MHz	17.3 @ 250MHz	20.5 @ 250MHz
Impedance	Ohms		100+/-15 @1-100MHz 100+/-22 @100-350MHz	100+/-15 @1-100MHz 100+/-22 @100-350MHz	100+/-15 @1-100MHz 100+/-22 @100-250MHz 100+/-32 @250-500MHz
DC Resistance@ 20°C (68°F) (Max)	Ohms/100m (328ft)		9.38	9.38	9.38
Delay Skew (Max)	ns/100m (328ft)		45 CMP / 45 CMR	45 CMP / 45 CMR	35 CMP / 38 CMR
Velocity of Propagation	Percentage (%)		70 CMP / 68 CMR	70 CMP / 68 CMR	70 CMP / 68 CMR

Cat 5e Specification Table *

Characteristic Specs	Unit of Measure	Cat 5e Standard	PREMIER	Category 5e	Category 5e Plus
		TIA 568-C.2	Category 5e	GenSPEED 5000	GenSPEED 5500
Insertion Loss (Max)	dB/100m (328ft)@ 20°C (68°F)	Max. 22.0	22.0 @ 100MHz	22.0 @ 100MHz	21.0 @ 100MHz
Attenuation to Crosstalk Ratio (Min)	dB/100m (328ft)	Min. 13.3	13.3 @ 100MHz	13.3 @ 100MHz	19.3 @ 100MHz
Power Sum ACR (Min)	dB/100m (328ft)	Min. 10.3	10.3 @ 100MHz	10.3 @ 100MHz	17.3 @ 100MHz
Power Sum Near End Crosstalk (Min)	dB/100m (328ft)	Min. 32.3	32.3 @ 100MHz	32.3 @ 100MHz	38.3 @ 100MHz
Power Sum ACRF (Min)	dB/100m (328ft)	Min. 20.8	20.8 @ 100MHz	20.8 @ 100MHz	22.0 @ 100MHz
Return Loss (Min)	dB/100m (328ft)	Min. 20.1	20.1 @ 100MHz	20.1 @ 100MHz	20.1 @ 100MHz
Impedance	Ohms		100+/-15 @1-200MHz	100+/-15 @1-200MHz	100+/-15 @1-100MHz 100+/-22 @100-250MHz 100+/-32 @250-350MHz
DC Resistance@ 20°C (68°F) (Max)	Ohms/100m (328ft)		8.9	8.9	8.9
Delay Skew (Max)	ns/100m (328ft)		45 CMP / 45 CMR	45 CMP / 45 CMR	45 CMP / 45 CMR
Velocity of Propagation	Percentage (%)		72 CMP / 70 CMR	72 CMP / 70 CMR	72 CMP / 70 CMR

* Specifications are subject to change without notice.

Length countdown to 0' in every box or on the reel - no more guessing how much cable is left

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