

Category 3 Non-Plenum

Product Construction

Conductors:

- 24 AWG solid bare annealed copper

Insulation:

- Flame-retardant semi-rigid PVC

Color Code:

- See Color Code Chart on page 90

Rip Cord:

- Applied longitudinally under jacket

Jacket:

- Flame-retardant PVC
- Sequential footage markings

Packaging

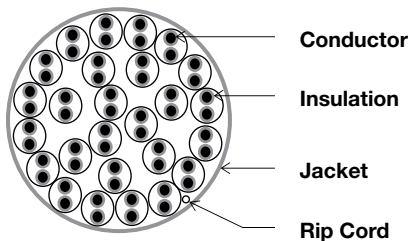
- 1000' Pull-Pac® (PP)
- 1000' Spool-Pac® (SPC)
- 1000' spool (SP)
- 1000' reel (RL)
- Per order length (POL)

Applications

- 100 VG-AnyLAN
- 52 Mbps ATM
- 4 Mbps Token Ring (IEEE 802.5)
- 10 BASE-T (IEEE 802.3)
- T1
- Voice

Compliances

- ANSI/TIA/EIA 568 C.2
- ANSI/ICEA S-90-661 (Category 3)
- NEC/CEC Type CMR
- RoHS Compliant Directive 2002/95/EC
- UL 144 for riser



Physical Data

	CMR (Non-Plenum)
Temperature Rating (°C)	
Installation:	0 to +60
Operation:	-10 to +60



PRODUCT NUMBER	PAIRS	JACKET COLOR	PKG.	O.D. (INCHES)	WEIGHT (LBS/KFT)
2133008	2	Beige	PP	0.14	9
2133009	2	Gray	PP	0.14	9
2133011	2	Gray	SP	0.14	9
2133012	3	Beige	PP	0.15	13
2133013	3	Gray	PP	0.15	13
2133015	3	Gray	SP	0.15	13
2133016	4	Beige	PP	0.17	16
2133017	4	Gray	PP	0.17	16
2133359	4	White	SPC	0.17	16
2133358	4	Gray	SPC	0.17	16
2133018	4	Beige	SP	0.17	16
2133019	4	Gray	SP	0.17	16
2133275	4	Blue	PP	0.17	16
2133296	4	White	PP	0.17	16
2133020	6	Beige	PP	0.21	23
2133021	6	Gray	PP	0.21	23
2133022	6	Beige	SP	0.21	23
2133023	6	Gray	SP	0.21	23
2133026	12	Beige	RL	0.27	47
2133027	12	Gray	RL	0.27	47
2133033	25	Gray	RL	0.42	105
2133033.99	25	Gray	POL	0.42	105
2133161	50	Gray	RL	0.56	185
2133161.99	50	Gray	POL	0.56	185
2133144	100	Gray	RL	0.74	375
2133144.99	100	Gray	POL	0.74	375
2133323	200	Gray	RL	1.02	724
2133323.99	200	Gray	POL	1.02	724
2133373.99	300	Gray	POL	1.23	1077

Data subject to change without notice.
 Note: Non-stock items may be subject to minimum order quantities.

Electrical Characteristics

	24 AWG	Frequency	Insertion Loss dB/100 m (max)	Power Sum Near-End Crosstalk dB (min)
DC Resistance (max) Ohms/100 m (328 ft) @ 20°C	9.38	772 kHz	2.2	43
Mutual Capacitance (nom) pF/ft @ 1 kHz	18	1 MHz	2.6	41
Characteristic Impedance Frequency (f): 1.0-16.0 MHz	Ohms 100 ± 15	4 MHz	5.6	32
Structural Return Loss (SRL) Frequency (f): 1.0-10.0 MHz	dB (min) 12	8 MHz	8.5	27
	10.0-16.0 MHz	10 MHz	9.7	26
	12-10 log (f/10)	16 MHz	13.1	23



TIA/EIA 568C

VERIFIED 4 Pair

Category 3 Screened



CMP (Plenum)

PRODUCT NUMBER	PAIRS	O.D. (INCHES)	WEIGHT (LBS/KFT)
2131537	2	0.13	14
2131216	3	0.15	18
2131217	4	0.20	23
2131218	6	0.26	32



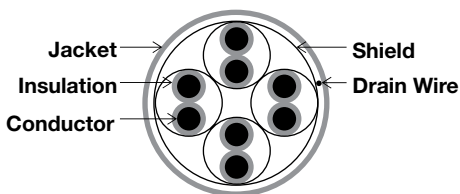
CMR (Non-Plenum)

PRODUCT NUMBER	PAIRS	O.D. (INCHES)	WEIGHT (LBS/KFT)
2133175	2	0.19	18
2133176	3	0.22	23
2133177	4	0.23	28

Data subject to change without notice.

Electrical Characteristics

	24 AWG	Frequency	Insertion Loss dB/100 m (max)	Power Sum Near-End Crosstalk dB (min)
DC Resistance (max) Ohms/100 m (328 ft) @ 20°C	9.38	772 kHz	2.2	43
Mutual Capacitance (nom) PF/ft @ 1kHz	18	1 MHz	2.6	41
Characteristic Impedance Frequency (f):	Ohms 1.0-16.0 MHz 100 ± 15	4 MHz	5.6	32
Structural Return Loss (SRL) Frequency (f):	dB (min) 1.0-10.0 MHz 12 10.0-16.0 MHz 12-10 log (f/10)	8 MHz	8.5	27
		10 MHz	9.7	26
		16 MHz	13.1	23



Physical Data

	CMR (Non-Plenum)	CMP (Plenum)
Temperature Rating (°C)		
Installation:	0 to +60	0 to +75
Operation:	-10 to +60	-10 to +75

Product Construction

Conductors:

- 24 AWG solid bare annealed copper

Insulation:

- Plenum: Fluoropolymer
- Non-Plenum: Flame-retardant semi-rigid PVC

Color Code:

- Pair 1: Blue-White/Blue
- Pair 2: Orange-White/Orange
- Pair 3: Green-White/Green
- Pair 4: Brown-White/Brown
- Pair 5: Slate-White/Slate
- Pair 6: Blue-Red/Blue

Rip Cord:

- Plenum: None
- Non-Plenum: Applied longitudinally under jacket

Drain Wire:

- 24 AWG solid tinned copper

Shield:

- Polyester-backed aluminum foil

Jacket:

- Plenum: Natural Flexguard® flame-retardant PVC (2pr) tough low-friction PVDF fluoropolymer (3-6 pair)
- Non-Plenum: Gray flame-retardant PVC
- Sequential footage markings

Packaging

- 1000' spool (SP)

Applications

- 100 BASE VG-AnyLAN
- 52 Mbps ATM
- 4 Mbps Token Ring (IEEE 802.5)
- 10 BASE-T (IEEE 802.3)
- T1
- Voice

Compliances

- ANSI/TIA/EIA 568 C.2
- ANSI/ICEA S-90-661 (Category 3)
- Plenum: NEC/CEC Type CMP
- Non-Plenum: NEC/CEC Type CMR

