

Switchboard Cable

Spec. 4753 • Type CMR • TIW Series

Product Construction

Conductors:

- 24 AWG solid tinned annealed copper

Insulation:

- Flame-retardant semi-rigid PVC
- Insulation thickness = 0.006"

Pairing:

- Three twists per foot minimum

Color Code:

- See Color Code Chart on page 94

Rip Cord:

- Applied longitudinally under jacket

Jacket:

- Gray, tough, flame-retardant PVC

Packaging

- 1000' reel (RL)
- Bulk reels are available upon request

Applications

- Voice
- T1 Fractional
- Category 2 applications
- Basic rate ISDN

Compliances

- ANSI/ICEA S-80-576
- UL and c(UL) Type CMR



PRODUCT NUMBER	PAIRS	O.D. (INCHES)	WEIGHT (LBS/KFT)
7023039	3	0.13	13
2114621	4	0.16	16
6970073	12	0.24	42
6970065	25	0.36	84
7023021	32	0.37	106
6970123	50	0.46	168
7002975	75	0.56	247

Data subject to change without notice.

Note: Non-stock items may be subject to minimum order quantities.

Electrical Characteristics

	24 AWG	
	3-6 pr	over 6 pr
DC Resistance (max) Ohms/1000 ft @ 20°C	31.5	31.5
Mutual Capacitance (nom) pF/ft @ 1 kHz	19	22
Attenuation (nom) dB/1000 ft @ 0.772 MHz	6.2	7.1
	16	18
Characteristic Impedance Ohms @ 1 MHz (nom)	100 ± 15	100 ± 20

