

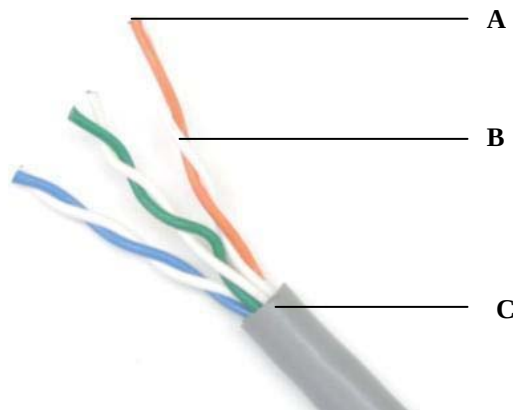
These specifications cover communication cables having soft annealed copper conductor, semirigid PVC insulation and PVC jacket, both flame retardant.

APPLICATIONS

Communication cables for dwellings use (except plenums and risers) 60°C 300 V.

Construction elements

- A. Bare Copper Conductor
- B. FR-PVC
- C. FR-PVC Jacket



(24 AWG, SOLID CONDUCTOR, TWISTED PAIRS)

(NEC ARTICLE 800 CSA C22.2)

Typical electrical parameters

Mutual Capacitance: 18 pF/ft, 59 pF/m

Char Impedance: 100+/-5Ω

Attenuation:

7.8 dB/1000 ft, 2.6 dB/100 m @ 1 MHz

17.0 dB/1000 ft, 5.6 dB/100 m @ 4 MHz

30.0 dB/1000 ft, 9.9 dB/100 m @ 10 MHz

40.0 dB/1000 ft, 13.2 dB/100 m @ 16 MHz

Pair – Pair next:

41 dB/1000 ft, 13.5 dB/100 m @ 1 MHz

28 dB/1000 ft, 9.2 dB/100 m @ 4 MHz

26 dB/1000 ft, 8.6 dB/100 m @ 10 MHz

23 dB/1000 ft, 7.6 dB/100 m @ 16 MHz

CABLE DATA

Size	N° of Pairs	Insulation Thickness		Jacket Thickness		Outside Diameter		Weight	
		Inches	mm	Inches	mm	Inches	mm	Ibs./Kft.	Kg/km
2x2x24	2	0.007	0.17	0.013	0.33	0.12	3.0	8.5	12.7
3x2x24	3	0.007	0.17	0.013	0.33	0.12	3.8	12.9	19.2
4x2x24	4	0.007	0.17	0.013	0.51	0.12	4.8	18.6	27.2

(22 AWG, SOLID CONDUCTOR, TWISTED PAIRS)

Typical electrical parameters

Mutual Capacitance: 18 pF/ft, 59 pF/m

Char Impedance: 100+/-5Ω

Attenuation: 8.0 dB/1000 ft, 2.7 dB/100 m @ 1 MHz

CABLE DATA

Size	N° of Pairs	Insulation Thickness		Jacket Thickness		Outside Diameter		Weight	
		Inches	mm	Inches	mm	Inches	mm	Ibs./Kft.	Kg/km
2x2x22	2	0.008	0.20	0.015	0.38	0.16	4.10	14.60	21.80

Standard PUT-UPS: 500R/1000R

Jacket Color: White, Beige or Grey

R: Reels

HC599 / 01 / FEB-06

The data listed above is approximate and subject to normal manufacturing tolerances. Specifications are subject to change without notice.