



## CATEGORY 6 CABLE

ANS/TIA/EIA 568B.2

NEC/CEC: CM

### PAIR IDENTIFICATION

Pair 1 = Blue/White      Pair 3 = Green/White

Pair 2 = Orange/White      Pair 4 = Brown/White

### CONSTRUCTION

4 Twisted Pair Cable

Outer Jacket: PVC/LSZH OD 6.10 mm, OD 5.56 mm Thickness

Pair Insulation: PE

23 Awg Solid Copper

0.57 MM

### CHARACTERISTICS

Installation Temperature

0°C to 60°C

Operation Temperature

-20°C to 60°C

Capacitance

4.6 pF/ 100m

DC Resistance/Unbalance

6.66 Ohms/100m Max/2.5% Max

Dielectric Breakdown

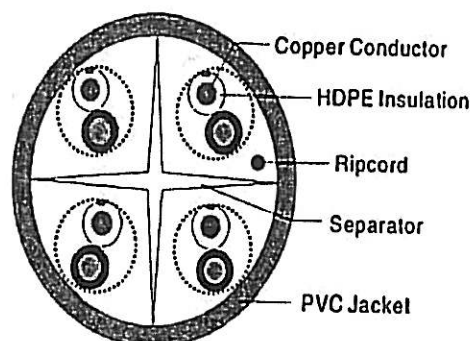
1000 Volts DC Conductor to Conductor

Velocity of Propagation

PE=65%

Maximum Skew

45ns@100 meters



ACMA N3674

Complies to AS/ACIF S008:2001 amdt: No. 1 2002

COMLABS test report ACL 1441

Frequency MHz	Characteristics						
	Attenuation dB/100m	Next pr/pr dB	ACR dB/100m	Psum dB/100m	EL-FEXT pr/pr dB/100m	PS EL-FEXT dB/100m	RL Db
1	1.9	74.3	72.4	72.3	68	65	20
4	3.7	65.3	61.6	63.3	56	53	23
10	5.9	59.3	53.5	57.3	48	45	25
16	7.5	56.3	48.8	54.3	43.9	40.9	25
20	8.4	54.8	46.4	52.3	42	39	25
31.25	10.6	51.9	41.3	49.9	38.1	35.1	23.6
62.5	15.4	47.4	32	45.4	32.1	29.1	21.5
100	19.8	44.3	24.5	42.3	28	25	20.1
155	25.2	41.5	16.3	39.5	24.2	21.2	18.8
200	29.0	39.8	10.8	37.8	22	19	18
250	32.8	38.3	5.5	36.3	20	17	17.3
300	36.4	37.2	0.8	35.2	18.5	15.5	16.8
350	39.8	36.2		34.2	17.1	14.1	16.3