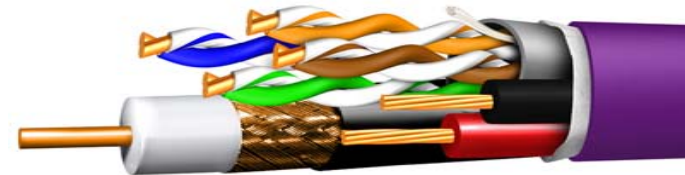


ELAN VIA! TOUCH PAD
18 AWG 2C BC + CAT5E UTP + RG59 BC

8/16/2004 REV. 0



PART NUMBER: 244PR-EV

DESCRIPTION: 18 AWG 2 CONDUCTORS, 7 STRAND BARE COPPER, PVC INSULATION, BUNDLED WITH CAT5E UTP, AND RG59 20 AWG 1 CONDUCTOR SOLID BARE COPPER, GAS INJECTED FOAM PE INSULATION, 95% BARE COPPER BRAID SHIELD, OVERALL PAPER SEPARATOR TAPE AND PVC JACKET, NYLON RIPCORD, (UL) CL3R FT-4

PHYSICAL CHARACTERISTICS 18/2C (CONTROL):

CONDUCTOR/PAIR COUNT: 2 CONDUCTOR
CONDUCTOR MATERIAL & DIA.: BARE COPPER STRANDED, .0154"
GAUGE & STRANDING: 18 AWG 7 STRAND
COLOR CODE: BLACK,RED
INSULATION MATERIAL: SEMI-RIGID PVC
INSULATION THICKNESS: .008"

PHYSICAL CHARACTERISTICS CAT5E (DATA):

CONDUCTOR/PAIR COUNT: 4 TWISTED PAIRS
CONDUCTOR MATERIAL: BARE COPPER SOLID
GAUGE: 24 AWG
COLOR CODE: WHITE/BLUE STRIPE & BLUE
WHITE/ORANGE STRIPE & ORANGE
WHITE/GREEN STRIPE & GREEN
WHITE/BROWN STRIPE & BROWN
INSULATION MATERIAL & DIA.: FLAME RETARDANT PE
INSULATION THICKNESS: .006"
JACKET MATERIAL & THICKNESS: PVC, .022"
JACKET COLOR: GRAY OR WHITE
OUTSIDE DIAMETER: .206" NOM.

ELECTRICAL CHARACTERISTICS CAT5E (DATA):

MAX. OPERATING VOLTAGE: 300 V RMS
NOM. CAPACITANCE: 330 pf/100M
NOM. IMPEDANCE: 100 ohms
NOM. CONDUCTOR OF DC RESISTANCE @ 20 DEG. C: 28.6 OHMS/1000'
MAX. DELAY SKEW: 45 ns/100m

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Frequency (MHz)	Max. Attenuation (dB/100m)	Min. NEXT (dB)	Min. PSNEXT (dB)	Min. ACR (dB)	Min. PSACR (dB)	Min. Structural Return Loss (dB)
1	2.0	65.3	62.3	63.0	60.3	19.0
4	4.1	56.3	53.3	52.2	49.2	20.8
8	5.8	51.8	48.8	46.0	43.0	21.7
10	6.5	50.3	47.3	43.8	40.8	22.0
16	8.2	47.3	44.3	39.1	36.1	22.0
20	9.3	45.8	42.8	36.5	33.5	22.0
25	10.4	44.3	41.3	33.9	30.9	21.3
31.25	11.7	42.9	39.9	31.2	28.2	20.6
62.5	17.0	38.4	35.4	21.4	18.4	18.5
100	22.0	35.3	32.3	13.3	10.3	17.1

PHYSICAL CHARACTERISTICS RG59 (CCTV):

CONDUCTOR/PAIR COUNT: 1 CONDUCTOR
CONDUCTOR MATERIAL: BARE COPPER SOLID
GAUGE: 20 AWG
INSULATION MATERIAL & DIA.: GAS INJECTED FOAM PE .145"
INSULATION THICKNESS: 0.040"
SHIELD: 95% BARE COPPER BRAID
JACKET MATERIAL & THICKNESS: PVC, .033"
JACKET COLOR: BLACK
OUTSIDE DIAMETER: .242"

ELECTRICAL CHARACTERISTICS RG59 (CCTV):

MAX. OPERATING VOLTAGE: 300 V RMS
NOM. CAPACITANCE: 16.3 pF/1000 FT.
NOM. IMPEDANCE: 75 OHMS
VELOCITY OF PROP.: 83%
NOM. CONDUCTOR OF DC RESISTANCE @ 20 DEG. C: 2.6 OHMS/1000 FT.

PHYSICAL CHARACTERISTICS OVERALL:

TEMPERATURE RATING: -20 TO +60 DEG. C
JACKET MATERIAL & THICKNESS: PVC, .030" NOM.
JACKET COLOR: PURPLE
RIPCORDER: NYLON
OUTSIDE DIAMETER: .467" NOM.
FOOTAGE MARKERS: ASCENDING/DESCENDING IN FEET
PACKAGING: REEL
SHIPPING WEIGHT: 83 LBS/1000'

UL CRITERIA:

UL TYPE OR STYLE: CL3R FT-4

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8/16/2004 REV. 0

NOTES:

1. Semi-tubed jacket with glossy finish.
2. StripEase™ jacket technology.
3. Footage markers printed every two feet.
4. While Signature Wire Corp. has made every reasonable effort to ensure the accuracy of these specifications, information contained herein may be subject to error and omission and to change without notice. Signature Wire Corp. provides these specifications on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied.