05-28-10 REV. 5   CP145830   YM56577

I.   DESCRIPTION NON-PLENUM:
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     4 PR #26 STRANDED TINNED COPPER, CATEGORY 5E TYPE SCTP PATCH,
     POLYPROPYLENE INSULATION, OVERALL BELDFOIL(R) SHIELD,
     #26 AWG STRANDED T.C. DRAIN WIRE. SHIELD IS BONDED TO
     INNER JACKET WALL FOR ELECTRICAL STABILITY. JACKET IS
     MARKED AT SEQUENTIAL INTERVALS. RJ-45 COMPATIBLE.

II. PHYSICAL CHARACTERISTICS:

     TEMPERATURE RATING: 75 DEG. C
     OPERATING TEMPERATURE: -40 TO 105 DEG. C
     INSULATION MATERIAL: POLYPROPYLENE
     JACKET MATERIAL: PVC
     SHIELDING: ALUMINUM/MYLAR FOIL
                                  100% COVERAGE, #26 AWG
                                  STRANDED TC DRAIN WIRE
     MAX. PULLING TENSION: 25 LBS.
     NOM. WEIGHT/1000 FT.:   22.0 LBS.
     MIN. BEND RADIUS: 2.2"
     NOM. DIAMETER: .227"
     MAX. DIAMETER: .229"
     APPLICABLE SPECIFICATIONS: NONE

     FLAME RATING AND TEST: UL CMR-CMX, UL 1666
                                  C(UL) CMR, CSA FT4

III. COLOR CODE:

     PAIR #1: WHITE/BLUE & BLUE
     PAIR #2: WHITE/ORANGE & ORANGE
     PAIR #3: WHITE/GREEN & GREEN
     PAIR #4: WHITE/BROWN & BROWN

IV. ELECTRICAL CHARACTERISTICS:

     MAX. OPERATING VOLTAGE: 300 V RMS
     MAX. CONTINUOUS CURRENT PER
       CONDUCTOR @ 25 DEG C: 1.4 A
     NOM. CAPACITANCE @ 1 KHZ: 15 PF/FT.
     NOM. CAPACITANCE UNBALANCE: 160 PF/100 M
     NOM. VELOCITY OF PROPAGATION: 70%
     NOM. DELAY @ 100 MHZ: 538 NS/100 M
     NOM. DELAY SKEW: 45 NS/100 M
     NOM. RESISTANCE UNBALANCE: 3%
     NOM. CONDUCTOR DCR @ 20 C: 15.0 OHMS/100 M

FREQUENCY (MHZ)	NOM IMPEDANCE (OHMS)	NOM RL (DB)	NOM ATTEN (DB/100M)

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    1.0        100          20.0         3.2
    4.0        100          23.0         6.0
   10.0        100          25.0         9.5
   16.0        100          25.0        12.1
   20.0        100          25.0        13.5
   25.0        100          24.3        15.2
   31.25       100          23.6        17.1
   62.5        100          21.5        24.8
   100         100          20.1        32.0
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FREQUENCY (MHZ)	NOM PSACR (DB/100M)	NOM PSELFEXT (DB/100M)	NOM PSNEXT (DB/100M)
1.0	59.1	60.8	62.3
4.0	47.3	48.7	53.3
10.0	37.8	40.8	47.3
16.0	32.2	36.7	44.3
20.0	29.3	34.7	42.8
25.0	26.1	32.8	41.3
31.25	22.8	30.9	39.9
62.5	10.6	24.8	35.4
100	0.3	20.8	32.3

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 THE DATA IN THE ABOVE TABLES ARE FOR ENGINEERING PURPOSES ONLY, AND THIS
CABLE IS NOT TESTED TO CAT5E REQUIREMENTS AS PASS/FAIL CRITERIA.