

DATATWIST(R) THREE

I. DESCRIPTION:

 CATEGORY 3 UTP, 4 PAIR, #24 AWG SOLID BARE COPPER,
 SEMI-RIGID PVC INSULATION, PVC JACKET.
 JACKET SEQUENTIALLY MARKED AT 2 FOOT INTERVALS.

II. ELECTRICAL CHARACTERISTICS:

 MAX. OPERATING VOLTAGE: 300 V RMS
 MAX. CONTINUOUS CURRENT PER
 CONDUCTOR @ 25 DEG. C: 1.4 A
 NOM. CAPACITANCE @ 1 KHZ: 19 PF/FT.
 NOM. VELOCITY OF PROPAGATION: 69%
 NOM. DELAY: 1.5 NS/FT
 NOM. CONDR D.C.R. @ 20C 27 OHMS/1000 FT
 MAX. CONDR D.C.R. @ 20C 28.6 OHMS/1000 FT

FREQUENCY (MHZ)	MIN NEXT	MAX ATTEN /100 MTR	AVG IMPEDANCE (OHMS)	MIN SRL
.772	43 DB	2.2 DB	102 +/- 15%	--
1.0	41 DB	2.6 DB	100 +/- 15%	12 DB
4.0	32 DB	5.6 DB	100 +/- 15%	12 DB
8.0	27 DB	8.5 DB	100 +/- 15%	12 DB
10.0	26 DB	9.7 DB	100 +/- 15%	12 DB
16.0	23 DB	13.1 DB	100 +/- 15%	10 DB

III. PHYSICAL CHARACTERISTICS:

 TEMPERATURE RANGE: -20 TO 75 DEG. C
 INSULATION MATERIAL: SR-PVC
 JACKET MATERIAL (COLORS): PVC (GRAY)
 MAX. PULLING TENSION: 25 LBS.
 NOM. WEIGHT/1000 FT.: 21 LBS.
 MIN. BEND RADIUS: .8"
 NOM. DIAMETER: .190"
 APPLICABLE SPECIFICATIONS: UL/NEC TYPE MPR/CMR
 TIA/EIA TSB-36 CAT 3
 IEEE 802.3 10BASET
 FLAME TEST: UL 1666 RISER

IV. COLOR CODE:

 PAIR #1: WHITE/BLUE & BLUE/WHITE
 PAIR #2: WHITE/ORANGE & ORANGE/WHITE

PAIR #3: WHITE/GREWN & GREEN/WHITE

PAIR #4: WHITE/BROWN & BROWN/WHITE