

1) CONSTRUCTION:
 CONDUCTOR: 24 AWG SOLID TINNED COPPER
 INSULATION: TWO LAYER COMPOSITE POLYOLEFIN .020 WALL THICKNESS
 PAIRS: COLOR CODED SINGLES TWISTED WITH ROD FILLERS INTO PAIRS AND WRAPPED WITH AN ALUMINUM POLYESTER FOIL SHIELD (FOIL OUT, 100% COVERAGE) PER PAIR. 24 AWG SOLID TINNED COPPER DRAIN EACH PAIR.
 ISOLATOR: EACH PAIR SHALL BE ELECTRICALLY ISOLATED FROM EACH OTHER WITH A POLYESTER TAPE WRAP
 CABLE: (2) SHIELDED PAIRS PULLED IN STRAIGHT
 JACKET: POLYVINYLCHLORIDE, BEIGE, .022" NOM. WALL THICKNESS

NOM. DIA.
 .0201"
 .060"
 .126"
 .170" X .300"

2) PHYSICAL PROPERTIES:
 TEMPERATURE RATING, MAX. 60°C
 WT./M', NOM., NET. 26.8 LBS.

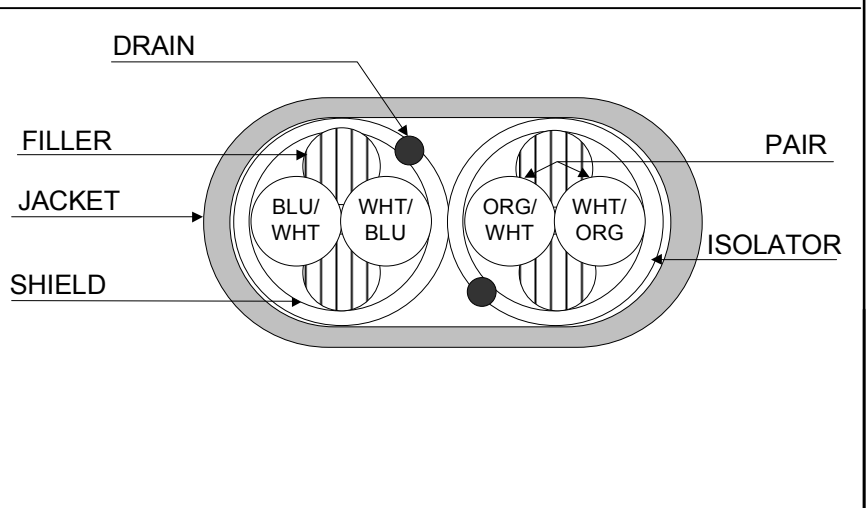
3) ELECTRICAL CHARACTERISTICS:
 CAPACITANCE, MUTUAL 15 PF/FT. AT 1 MHZ
 DIELECTRIC WITHSTANDING, MIN 1500V RMS
 NEXT, TYPICAL GREATER THAN 60 DB; 500KHZ TO 3.5 MHZ
 D.C. RESISTANCE, MAX. PER ASTM B258 26.5 OHMS/M'
 IMPEDANCE, CHARACTERISTIC, NOM 100.0 OHMS FROM 500 KHZ TO 3.5 MHZ (+/- 10 OHMS AT .772 MHZ AND AT 1.544 MHZ)
 RETURN LOSS, TYPICAL GREATER THAN 30DB; 500 KHZ TO 3.5 MHZ
 ATTENUATION: SEE PAGE 2

4) AGENCY APPROVALS:
 NEC TYPE CMR
 CEC CMR

5) APPLICATION:
 T1: LEVELS 1,1A AND 1C INTERCONNECTION COMPLIES WITH ANSI T1.403 CARRIER-TO-CUSTOMER INSTALLATION - DS1 METALIC INTERFACE AT A MAXIMUM LENGTH OF 150M (490FT)
 RoHS COMPLIANT MATERIALS.

NOTE: THIS CONSTRUCTION IS UNIQUELY DESIGNED TO FIT MOST POPULAR RJ-45 CONNECTORS WHEN THE OUTER PRIMARY INSULATION IS REMOVED.

6) PRINT:
 QUABBIN DATAMAX 100 OHM T1 (DS1)
 CABLE P/N 9770R -- TYPE CMR (UL) C(UL)
 24 AWG SHIELDED -- RoHS --
(LOT DESIGNATOR)
(SEQUENTIAL FOOTAGE)



7) COLOR CODE:
 1. ORANGE/WHITE X WHITE/ORANGE
 2. BLUE/WHITE X WHITE/BLUE


8) PACKAGING:
 TO BE PACKAGED AS PER QWC'S STANDARD PACKAGING

REVISION 11	DATE:	DRAWN S. ADDIE	06/30/98	
REVISED BY	<i>B. Duceyuski</i> 4/20/06	CHECKED J. RIVERNIDER	06/30/98	
CHECKED	<i>J. Rivernider</i> 4/20/06	CHECKED		
CHECKED		CUSTOMER APPROVAL:	DATE:	TITLE T 1 CABLE -- TYPE CMR
				QUABBIN P/N 9770 1 OF 2

ATTENUATION

9770

FREQUENCY MHz	ATTENUATION dB/1000 FT MAX.
0.772	6.6
1.544	8.7
3.152	12.26

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CHECKED	<i>J. Ruemler</i> 4/20/06	CHECKED		
CHECKED		CUSTOMER APPROVAL:	DATE:	TITLE T 1 CABLE -- TYPE CMR
				QUABBIN P/N 9770 2 OF 2