

1) CONSTRUCTION:

CONDUCTOR:	22 AWG SOLID TINNED COPPER	NOM. DIA.	.025"
INSULATION:	TWO LAYER COMPOSITE POLYOLEFIN .020 WALL THICKNESS		.065"
PAIRS:	COLOR CODED SINGLES TWISTED WITH FILLERS INTO PAIRS WRAPPED WITH AN ALUMINUM POLYESTER FOIL SHIELD (FOIL OUT) 100% COVERAGE PER PAIR. 24 AWG SOLID TINNED COPPER DRAIN EACH PAIR.		.133"
ISOLATOR:	EACH PAIR SHALL BE ELECTRICALLY ISOLATED FROM EACH OTHER WITH A POLYESTER TAPE WRAP		.136
CABLE:	(2) SHIELDED PAIRS PULLED IN STRAIGHT		.136" X .272"
JACKET:	POLYVINYLCHLORIDE, BEIGE, .022" NOM. WALL THICKNESS		.178" X .315"

2) PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX.	60°C
WT./M', NOM., NET.	35.12 LBS.

3) ELECTRICAL CHARACTERISTICS:

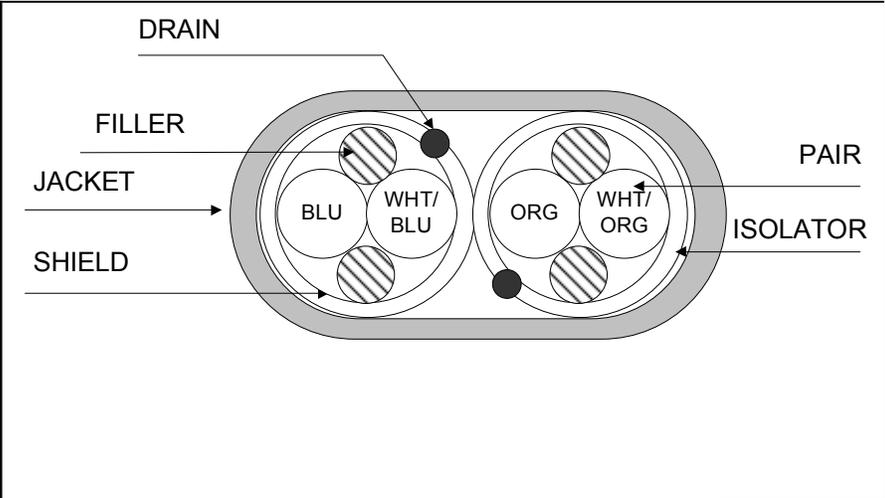
CAPACITANCE, MUTUAL	15 PF/FT. AT 1 MHZ
DIELECTRIC WITHSTANDING, MIN	1500V RMS
VOLTAGE RATING, MAX.	300V
NEXT, TYPICAL	GREATER THAN 60 DB; 500KHZ TO 3.5 MHZ
D.C. RESISTANCE, MAX. PER ASTM B258	16.6 OHMS/M'
IMPEDANCE, CHARACTERISTIC, NOM	100.0 OHMS FROM 500 KHZ TO 3.5 MHZ (+/- 10 OHMS AT .772 MHZ AND AT 1.544 MHZ)
RETURN LOSS, TYPICAL	GREATER THAN 30DB; 500 KHZ TO 3.5 MHZ
ATTENUATION:	SEE PAGE 2

4) AGENCY APPROVALS:  
 NEC (UL) TYPE CMR  
 CEC C(UL) TYPE CMR

5) APPLICATION:  
 T1: LEVELS 1,1A AND 1C INTERCONNECTION COMPLIES WITH ANSI T1.403 CARRIER-TO-CUSTOMER INSTALLATION - DS1 METALLIC INTERFACE AT A MAXIMUM LENGTH OF 200M (655FT). 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 9720R -- TYPE CMR (UL)  
 C(UL) 22 AWG SHIELDED -- RoHS --  
**(LOT DESIGNATOR)**  
**(SEQUENTIAL FOOTAGE)**



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

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

REVISION 16	DATE:	DRAWN S. ADDIE 09/01/95	
REVISED BY B. Duceyuski	4/17/06	CHECKED J. RIVERNIDER 09/01/95	
CHECKED J. Riverner	4/17/06	CHECKED M. FERRERO 09/01/95	
CHECKED		CUSTOMER APPROVAL: DATE:	TITLE T 1 CABLE -- TYPE CMR
			QUABBIN P/N 9720 1 OF 2

# ATTENUATION

9720

FREQUENCY MHz	ATTENUATION dB/1000 FT
0.772	5.5
1.544	7.7
3.152	10.9

REVISION <b>16</b>	DATE:	DRAWN S. ADDIE 09/01/95	
REVISED BY	<i>B. Duczynski</i> 4/17/06	CHECKED J. RIVERNIDER 09/01/95	
CHECKED	<i>J. Ruvender</i> 4/17/06	CHECKED M. FERRERO 09/01/95	
CHECKED		CUSTOMER APPROVAL: DATE:	TITLE T 1 CABLE -- TYPE CMR
			QUABBIN P/N <b>9720</b> 2 OF 2