

1) CONSTRUCTION: NOM. DIA.
 CONDUCTOR: 22 AWG SOLID TINNED COPPER .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. .139"
 ISOLATOR: EACH PAIR SHALL BE ELECTRICALLY ISOLATED FROM EACH
 OTHER WITH A POLYESTER TAPE WRAP .142"
 CABLE: (2) SHIELDED PAIRS PULLED IN STRAIGHT .142" X .284"
 JACKET: POLYVINYLCHLORIDE, BEIGE, .021" NOM. WALL THICKNESS .184" X .326"

2) PHYSICAL PROPERTIES:
 TEMPERATURE RATING, MAX. 75°C
 TEMPERATURE RATING, MIN. -20°C
 WT./M', NOM., NET. 35.12 LBS.

3) ELECTRICAL CHARACTERISTICS:
 CAPACITANCE, MUTUAL, NOM. 15 PF/FT. AT 1 MHZ
 DIELECTRIC WITHSTANDING, MIN 1500V RMS
 VOLTAGE RATING, MAX. 300V
 NEXT, TYPICAL GREATER THAN 60 dB; 500 KHZ TO 3.5 MHZ
 D.C. RESISTANCE, MAX. PER ASTM B258 16.6 Ω/1000'
 IMPEDANCE, CHARACTERISTIC, NOM. 100.0 Ω FROM 500 KHZ TO 3.5 MHZ
 (+/- 10 Ω AT .772 MHZ AND AT 1.544 MHZ)
 RETURN LOSS, TYPICAL GREATER THAN 30 dB; 500 KHZ TO 3.5 MHZ
 ATTENUATION: SEE PAGE 2

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

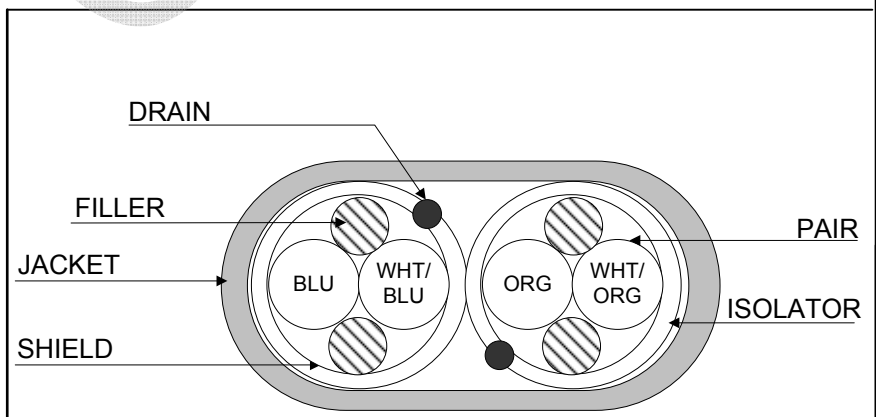
5) APPLICATION:
 T1: LEVELS 1,1A AND 1C INTERCONNECTION COMPLIES WITH ANSI T1.403 CARRIER-TO-CUSTOMER
 INSTALLATION - DS1 METALLIC INTERFACE AT A MAXIMUM LENGTH OF 200M (655 FT). RoHS COMPLIANT
 MATERIALS.

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 9720 -- TYPE CMR C(UL)US
 22 AWG SHIELDED 75C -- 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



CUSTOMER APPROVAL:

DATE:


Created 09/01/95	DRAWN: BMD 04/09/13	
REV. 18	CHECKED: GBM 04/09/13	
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

QUABBIN WIRE & CABLE

Created 09/01/95	DRAWN: BMD 04/09/13	
REV. 18	CHECKED: GBM 04/09/13	
TITLE		
T 1 CABLE -- TYPE CMR		
QUABBIN P/N	9720	2 OF 2

CUSTOMER APPROVAL:

DATE: