

1) CONSTRUCTION:		NOM. DIA.
CONDUCTOR:	26 AWG 7/34 STRANDED TINNED COPPER	.019"
INSULATION:	POLYOLEFIN, .010" NOM. WALL THICKNESS	.039"
PAIRS:	COLOR CODED SINGLES TWISTED INTO PAIRS	.078"
CABLE:	(4) TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE WRAPPED WITH A CLEAR POLYESTER BINDER.	.153"
SHIELD:	AN ALUMINIZED POLYESTER FOIL SHIELD (FOIL IN, 100% COVERAGE) WITH A 26 AWG TINNED COPPER DRAIN WIRE IN CONTACT WITH METALIZED SURFACE SHALL BE APPLIED OVER THE CABLE CORE.	.156"
JACKET:	POLYVINYLCHLORIDE, STARLIGHT BEIGE, .022" NOM. WALL THICKNESS	.200" MIN.
	OVERALL CABLE DIAMETER	.210" NOM.
		.220" MAX.
		(BY PI TAPE)

2) PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX.	75°C
TEMPERATURE RATING, MIN.	-20°C
WT./M', NOM., NET.	21.3 LBS.

3) ELECTRICAL CHARACTERISTICS:  
SEE PAGE 2

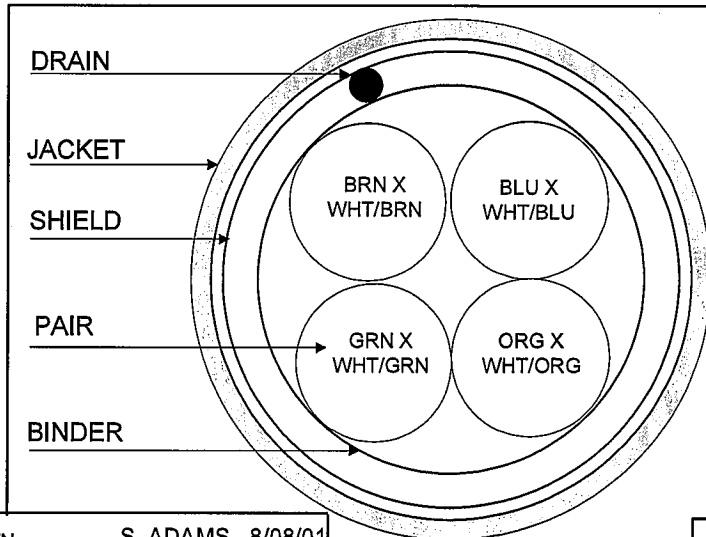
4) AGENCY APPROVALS:  
NEC (UL) TYPE CM  
CEC C(UL) TYPE CM  
ETL VERIFIED TO TIA-568-B.2 CAT 5e

5) APPLICATION:  
SHIELDED FLEXIBLE PATCH/JUMPER CABLE TO SUPPORT SCREENED ISO 11801 CLASS D AND  
SCREENED 568-B.2 CATEGORY 5e APPLICATIONS. RoHS COMPLIANT MATERIALS.

6) PRINT:  
QUABBIN DATAMAX 5e SCREENED 100 OHM PATCH CORD ISO 11801 P/N 2910R -- TYPE CM (UL) C(UL) 26  
AWG 75C -- ETL VERIFIED TO TIA-568-B.2 CAT 5e -- RoHS -- (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)

7) COLOR CODE:  
1. BLUE X WHITE/BLUE  
2. ORANGE X WHITE/ORANGE  
3. GREEN X WHITE/GREEN  
4. BROWN X WHITE/BROWN

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




REVISION 06	DATE:	DRAWN S. ADAMS 8/08/01	
REVISED BY	<i>B. Duzyusk</i> 8/18/08	CHECKED J. RIVERNIDER 8/08/01	<b>QUABBIN®</b> WIRE & CABLE
CHECKED	<i>G. Nunez</i> 08/20/08	CHECKED	
CHECKED		CUSTOMER APPROVAL: DATE:	
			TITLE 4PR. SHIELDED 100 OHM PATCH CORD/JUMPER -- CATEGORY 5e
			QUABBIN P/N 2910 1 OF 2

3) ELECTRICAL CHARACTERISTICS: (FOR 100m OF CABLE)

CAPACITANCE, MUTUAL	13.5 PF/FT. AT 1 MHZ	
DIELECTRIC WITHSTANDING, MIN	1500V RMS	
VOLTAGE RATING, MAX.	300V RMS	
D.C. RESISTANCE, MAX.	42.6 Ω/1000'	
IMPEDANCE,	100+/- 15 Ω 1-100 MHZ	
IMPEDANCE, SMOOTHED	100 +/- 10 Ω TYPICAL 5 - 100 MHZ	
SRL	23 DB 1-20 MHZ 23 - 10 LOG(F/20) 20-100 MHZ	
RETURN LOSS	1 - 10 MHZ	20 + 5 LOG (F) DB MIN
	10 - 20 MHZ	25 DB MIN
	20 - 100 MHZ	25- 8.6 LOG(F/20) DB MIN
PS NEXT	1-100 MHZ	64 - 15 LOG (F/.772) MIN
NEXT	1-100 MHZ	67 - 15 LOG (F/.772) MIN
PS ELFEXT	1-100 MHZ	63 - 20 LOG(F/.772) MIN
ELFEXT	1-100 MHZ	66 - 20 LOG(F/.772) MIN
ATTENUATION	1-100 MHZ	1.5[1.967 SQRT(F) +.023(F) +.05/SQRT(F)]MAX
DELAY	1-100 MHZ	534 + 36/SQRT(F)
DELAY SKEW	1-100 MHZ	<25NS
LCL	1-100 MHZ	-38dB MIN
VELOCITY OF PROPAGATION	68%	

NOTE: ALL TESTING IS CONDUCTED OFF THE REEL.

REVISION 06	DATE:	DRAWN S. ADAMS 8/08/01	
REVISED BY	<i>B. Duceyuski</i> 8/18/08	CHECKED J. RIVERNIDER 8/08/01	
CHECKED	<i>G. Munn</i> 08/20/08	CHECKED	
CHECKED		CUSTOMER APPROVAL: DATE:	TITLE 4PR. SHIELDED 100 OHM PATCH CORD/JUMPER -- CATEGORY 5e
			QUABBIN P/N 2910 2 OF 2