

- 1) CONSTRUCTION:
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|-------------|--|--|
| CONDUCTOR: | 26 AWG 7/34 STRANDED TINNED COPPER | NOM. DIA. |
| INSULATION: | POLYOLEFIN, .009" NOM. WALL THICKNESS | .019" |
| PAIRS: | COLOR CODED SINGLES TWISTED INTO PAIRS | .036" |
| CABLE: | (4) TWISTED PAIRS TWISTED TOGETHER WITH A CENTRAL SPLINE AND WRAPPED WITH A CLEAR POLYESTER BINDER TO FORM A CABLE CORE. | .072" |
| SHIELD: | AN ALUMINIZED POLYESTER FOIL SHIELD (FOIL IN) WITH A 26 AWG TINNED COPPER DRAIN WIRE IN CONTACT WITH METALIZED SURFACE (100% COVERAGE) SHALL BE APPLIED OVER THE CABLE CORE. | .205" |
| JACKET: | LOW SMOKE ZERO HALOGEN, (COLOR, PER CHART 1), .032" NOM. WALL THICKNESS | .208" |
| | OVERALL CABLE DIAMETER | .265" NOM.
.275" MAX.
(BY PI TAPE) |

- 2) PHYSICAL PROPERTIES:
- | | |
|--------------------------|------------------|
| TEMPERATURE RATING, MAX. | 75°C |
| TEMPERATURE RATING, MIN. | -40°C |
| FLAME RATING | VW-1 |
| CORROSIVE GAS | IEC 60754-2 |
| SMOKE EMISSION | IEC 61034-1 & -2 |
| WT./M', NOM., NET. | 30.1 LBS. |
- CHART 1:

QUABBIN P/N	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977
JACKET COLOR	BLACK	BROWN	RED	ORANGE	YELLOW	GREEN	BLUE	VIOLET	GRAY	WHITE	BEIGE	PINK

- 3) ELECTRICAL CHARACTERISTICS:
SEE PAGE 2

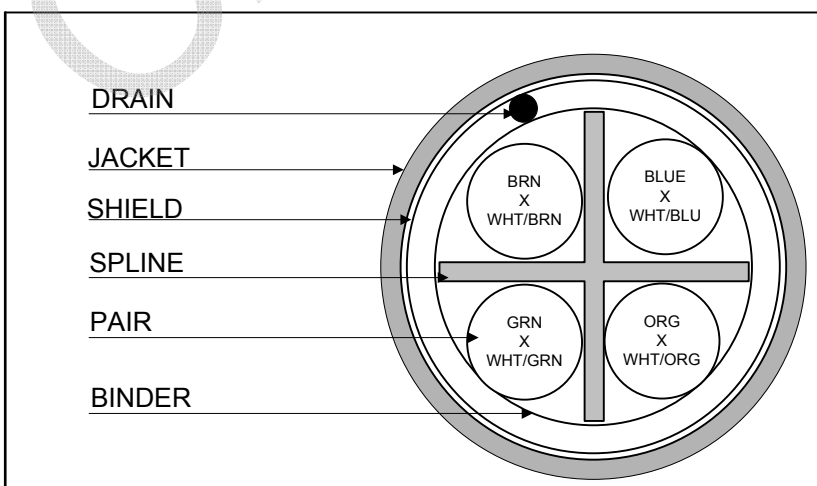
- 4) AGENCY APPROVALS:
NEC (ETL) TYPE CMX
CEC C(ETL) TYPE CMX

- 5) APPLICATION:
SHIELDED FLEXIBLE PATCH/JUMPER CABLE TO SUPPORT SCREENED 568-C.2 CATEGORY 6 APPLICATIONS.
RoHS COMPLIANT MATERIALS.

- 6) PRINT: (WHITE INK ON BLACK JACKET, ALL OTHERS BLACK INK)
QUABBIN DATAMAX 6 F/UTP 100 OHM PATCH CORD P/N (QWC P/N PER CHART 1) -- LOW SMOKE ZERO HALOGEN TIA-568-C.2 CAT 6 -- C(ETL)US TYPE CMX 75C 26 AWG -- VW-1 -- 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



DRAIN
JACKET
SHIELD
SPLINE
PAIR
BINDER


Created 11/16/12	DRAWN: BMD 11/16/12	
REV. 01	CHECKED: GBM 11/19/12	
TITLE		
4PR. SHIELDED 100 OHM PATCH CORD -- LSZH -- CATEGORY 6 -- TYPE CMX		
DRAWING #		1 of 1

CUSTOMER APPROVAL: _____ DATE: _____

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	
D.C. RESISTANCE, MAX.	14.0 Ω	
IMPEDANCE, NOM.	100 ± 15 Ω 1-250 MHZ	
IMPEDANCE, SMOOTHED	100 ± 10 Ω TYPICAL 5 - 250 MHZ	
SRL	23 DB 1-20 MHZ	
	23 - 10 LOG(F/20) 20-250 MHZ	
RETURN LOSS	1 - 10 MHZ	20 + 5 LOG (F) DB MIN
	10 - 20 MHZ	25 DB MIN
	20 - 250 MHZ	25- 8.6 LOG(F/20) DB MIN
PS NEXT	1-250 MHZ	42.3 - 15 LOG (F/100) MIN
NEXT	1-250 MHZ	44.3 - 15 LOG (F/100) MIN
PS ELFEXT	1-250 MHZ	24.8 - 20 LOG(F/100) MIN
ELFEXT	1-250 MHZ	27.8 - 20 LOG(F/100) MIN
ATTENUATION	1-250 MHZ	1.5[1.808 SQRT(F) + .017(F) + .2/SQRT(F)]MAX
DELAY	1-250 MHZ	534 + 36/SQRT(F)
DELAY SKEW	1-250 MHZ	<25NS
VELOCITY OF PROPAGATION	68%	

NOTE: ALL TESTING IS CONDUCTED OFF THE REEL.

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4PR. SHIELDED 100 OHM PATCH CORD -- LSZH -- CATEGORY 6 -- TYPE CMX		
DRAWING #	QWC0032	1 of 1

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