CONDUCTOR:			NOM. DIA.		
			.019" 🛛 🛛		
INSULATION:	POLYOLEFIN, .010" NOM. WALL T		.039" MAX.		
PAIRS:	COLOR CODED SINGLES TWISTE		.078"		
CABLE:	(4) TWISTED PAIRS TWISTED TO	.019" QWC .039" MAX. .078" C0040 .162" 40			
	CLEAR POLYESTER BINDER TO I	.162" 6			
SHIELDS:		AN OVERALL ALUMINIZED POLYESTER FOIL SHIELD (FOIL OUT, 100%			
		OVER THE CABLE CORE AND SHALL			
		DED TINNED COPPER DRAIN WIRE IN			
		SURFACE. A SECOND SHIELD OF 38			
		% MINIMUM COVERAGE), SHALL BE	404"		
JACKET:	APPLIED OVER THE FOIL SHIELD		.181"		
JACKET.	THICKNESS (PRESSURE)	COLOR, PER CHART 1), .032" NOM. WALL OVERALL CABLE DIAMETER	.245" NOM. (± .007")		
	THICKNESS (FRESSORE)	OVERALL CABLE DIAIVIETER	(BY PI TAPE)		
2) PHYSICAL PROPER	TIES:				
	E RATING, MAX.	75°C (JACKET 105°C, 60°C OIL)			
	E RATING, MIN.	-40°C			
WT./M', NOM.,		37.6 LBS.			
	NLIGHT RESISTANT	PER UL 2556			
	LD SPATTER RESISTANT				
		(PER QUABBIN TEST REPORT #TR 08-0001)			
(6 MONTHS (	@ 20°C)				
TENSILE S	TRENGTH RETENTION, NOM.	80%			
ELONGATI	ON RETENTION, NOM.	100%			
CHART 1:					
	P/N JACKET COLOR				
5734	BLACK				
5735	BLUE				
5736	TEAL				
3) ELECTRICAL CHARA	ACTERISTICS:				
SEE PAGE 2					
	C.				
4) AGENCY APPROVAL	_3.				
NEC (UL) TYPE					
NEC (UL) TYPE CEC C(UL) TYPE	PE CMX OUTDOOR – CM	RoHS II)			
NEC (UL) TYPE CEC C(UL) TYPE		RoHS II)			
NEC (UL) TYPE CEC C(UL) TYPE EU CE MARK:	PE CMX OUTDOOR – CM	RoHS II)			
NEC (UL) TYPE CEC C(UL) TYPE	PE CMX OUTDOOR – CM	RoHS II)			
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NEC (UL) TYPE CEC C(UL) TYPE EU CE MARK: 5) APPLICATION: 6) PRINT: (WHITE INK OF QUABBIN DAT INDUSTRIAL E 5e SF/UTP P/N TYPE CMX OU	PE CMX OUTDOOR – CM MEETS EU DIRECTIVE 2011/65/EU (I N BLACK JACKET, ALL OTHERS BLACK II AMAX EXTREME DURABLE THERNET PATCH CORD CAT I <b>(P/N PER CHART 1)</b> C(UL)US ITDOOR - CM 4PR 26 AWG 75C L <b>OT DESIGNATOR)</b>	NK) DRAIN JACKET BRAID BRAID BRAID			
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POE COMPLIANT TO 68 METERS WHEN CABLE WILL MEET CAT 5e CHANNEL RE CAPACITANCE, MUTUAL		ETER LENGTH		
DIELECTRIC WITHSTANDING, MIN.	N. 1500V RMS 300V			
VOLTAGE RATING, MAX.				
D.C. RESISTANCE, MAX.	42.6 Ω/1000'			
NOTE: TESTING FOR THE FOLLOWING I	S CONDUCTED OFF TH	IE REEL. (FOR 100m OF CABLE)		
IMPEDANCE	100 ± 15 Ω 1 - 100 MHz			
IMPEDANCE, SMOOTHED	100 ± 10 Ω TYPIC	AL 5 - 100 MHZ		
RETURN LOSS	1 ≤ <i>f</i> < 10 MHz			
	$10 \le f < 20 \text{ MHz}$	25 dB MIN 25 - 8.6LOG( <i>f</i> /20) dB MIN		
PS NEXT	$1 \le f \le 100 \text{ MHz}$	32.3 - 15LOG ( <i>f</i> /100) dB MIN		
NEXT	$1 \le f \le 100 \text{ MHz}$ $1 \le f \le 100 \text{ MHz}$	35.3 - 15LOG ( <i>f</i> /100) dB MIN		
PS ACRF	1 ≤ <i>f</i> ≤ 100 MHz			
ACRF	1 ≤ <i>f</i> ≤ 100 MHz			
INSERTION LOSS	1 ≤ <i>f</i> ≤100 MHz			
DELAY	1 ≤ <i>f</i> ≤ 100 MHz	534 + 36/√f ns MAX		
DELAY SKEW	1 ≤ <i>f</i> ≤ 100 MHz	<15 ns		
VELOCITY OF PROPAGATION	68%			

I	Created 7/27/12	DRAWN:	SGH 03/22/19						
ĺ	REV. 05	CHECKED	ZRS : 03/25/19		<b>JABBIN®</b> WIRE & CABLE				
ľ	TITLE								
ł	DATAMAX EXTREME DURABLE INDUSTRIAL								
I	ETHERNET PATCH CABLE – 4 PR SCREENED								

2 of 2

DRAWING #