1) CONSTRUCTION:		NOM. DIA.
CONDUCTOR: 16 AWG 7/.0192 STRANDED BAR		.059"
INSULATION: POLYVINYLCHLORIDE, .016" NC		.091"
PAIR: (2) INSULATED COLOR CODED FORM A PAIR	SINGLES TWISTED TOGETHER TO	.091" Current
-	OIL SHIELD (FOIL IN, 100% COVERAGE)	.102
	H PAIR AND SHALL CONTAIN A 18	
	COPPER DRAIN WIRE IN CONTACT WITH	
THE METALIZED SURFACE FOR	R EASY TERMINATION	.187"
COMMUNICATION WIRE:		
CONDUCTOR: 22 AWG 7/30 STRANDED TINNE		.030"
	E, .016" NOM. WALL THICKNESS	.062"
CABLE: (2) SHIELDED PAIRS AND (1) CO TO FORM A CABLE CORE	OMMUNICATION WIRE TWISTED TOGETHER	.325"
	YESTER FOIL SHIELD (FOIL OUT,	.020
	PPLIED OVER THE CABLE CORE AND	
	NDED TINNED COPPER DRAIN WIRE IN	
	D SURFACE FOR EASY TERMINATION	.328"
JACKET: POLYVINYLCHLORIDE, BLACK,		
	OVERALL CABLE DIAMETER	.432"
		(BY PI TAPE)
2) PHYSICAL PROPERTIES:		
TEMPERATURE RATING, MAX.	80°C & 105°C	
TEMPERATURE RATING, MIN.	-40°C	
WT./M', NOM., NET.	100 LBS.	
JACKET IS SUNLIGHT RESISTANT		
3) ELECTRICAL CHARACTERISTICS: CAPACITANCE, MUTUAL, NOM.	39 PF/FT.	
CAPACITANCE, MOTOAL, NOM. CAPACITANCE, GROUNDED, NOM.	71 PF/FT.	
DIELECTRIC WITHSTANDING, MIN.	2000V RMS	
VOLTAGE RATING, MAX.	300V	
D.C. RESISTANCE, MAX.	4.15 Ω/1,000'	
NEC (UL) TYPE ITC NEC (UL) TYPE CM CEC C(UL) TYPE CM UL AWM STYLE 2464		
5) APPLICATION: PROCESS SYSTEM INTERCONNECT POWER	JACKET	COMMUNICATION
5) APPLICATION: PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION	JACKET	COMMUNICATION
PROCESS SYSTEM INTERCONNECT. POWER	JACKET	
PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION		
PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION TRAY CABLE. CLASS 3 CIRCUITS. RoHS COMPLIANT MATERIALS.	INSULATION	
PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION TRAY CABLE. CLASS 3 CIRCUITS. RoHS COMPLIANT MATERIALS. 6) PRINT: (WHITE INK)		
 PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION TRAY CABLE. CLASS 3 CIRCUITS. RoHS COMPLIANT MATERIALS. 6) PRINT: (WHITE INK) QUABBIN P/N 0353 (UL) TYPE PLTC OR ITC 16 	INSULATION CONDUCTOR #1 #1	
 PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION TRAY CABLE. CLASS 3 CIRCUITS. RoHS COMPLIANT MATERIALS. 6) PRINT: (WHITE INK) QUABBIN P/N 0353 (UL) TYPE PLTC OR ITC 16 AWG SHIELDED 105C SUN RES OR C(UL)US 	INSULATION	WIRE
 PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION TRAY CABLE. CLASS 3 CIRCUITS. RoHS COMPLIANT MATERIALS. 6) PRINT: (WHITE INK) QUABBIN P/N 0353 (UL) TYPE PLTC OR ITC 16 	INSULATION CONDUCTOR #1 #1	A PAIR
 PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION TRAY CABLE. CLASS 3 CIRCUITS. RoHS COMPLIANT MATERIALS. 6) PRINT: (WHITE INK) QUABBIN P/N 0353 (UL) TYPE PLTC OR ITC 16 AWG SHIELDED 105C SUN RES OR C(UL)US TYPE CM OR AWM 2464 RoHS (LOT DESIGNATOR) 	INSULATION CONDUCTOR DRAIN	WIRE
 PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION TRAY CABLE. CLASS 3 CIRCUITS. RoHS COMPLIANT MATERIALS. 6) PRINT: (WHITE INK) QUABBIN P/N 0353 (UL) TYPE PLTC OR ITC 16 AWG SHIELDED 105C SUN RES OR C(UL)US TYPE CM OR AWM 2464 RoHS (LOT DESIGNATOR) 7) COLOR CODE: 	INSULATION CONDUCTOR DRAIN SHIELD	A PAIR
 PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION TRAY CABLE. CLASS 3 CIRCUITS. RoHS COMPLIANT MATERIALS. 6) PRINT: (WHITE INK) QUABBIN P/N 0353 (UL) TYPE PLTC OR ITC 16 AWG SHIELDED 105C SUN RES OR C(UL)US TYPE CM OR AWM 2464 RoHS (LOT DESIGNATOR) 7) COLOR CODE: EACH PAIR: BLACK X WHITE 	INSULATION CONDUCTOR DRAIN	A PAIR
 PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION TRAY CABLE. CLASS 3 CIRCUITS. RoHS COMPLIANT MATERIALS. 6) PRINT: (WHITE INK) QUABBIN P/N 0353 (UL) TYPE PLTC OR ITC 16 AWG SHIELDED 105C SUN RES OR C(UL)US TYPE CM OR AWM 2464 RoHS (LOT DESIGNATOR) 7) COLOR CODE: EACH PAIR: BLACK X WHITE PAIRS NUMBERED #1 TO #2 	INSULATION CONDUCTOR DRAIN SHIELD	A PAIR
 PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION TRAY CABLE. CLASS 3 CIRCUITS. RoHS COMPLIANT MATERIALS. 6) PRINT: (WHITE INK) QUABBIN P/N 0353 (UL) TYPE PLTC OR ITC 16 AWG SHIELDED 105C SUN RES OR C(UL)US TYPE CM OR AWM 2464 RoHS (LOT DESIGNATOR) 7) COLOR CODE: EACH PAIR: BLACK X WHITE PAIRS NUMBERED #1 TO #2 WHITE INK ON BLACK CONDUCTORS 	INSULATION CONDUCTOR DRAIN SHIELD #2 #2	A PAIR
 PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION TRAY CABLE. CLASS 3 CIRCUITS. RoHS COMPLIANT MATERIALS. 6) PRINT: (WHITE INK) QUABBIN P/N 0353 (UL) TYPE PLTC OR ITC 16 AWG SHIELDED 105C SUN RES OR C(UL)US TYPE CM OR AWM 2464 RoHS (LOT DESIGNATOR) 7) COLOR CODE: EACH PAIR: BLACK X WHITE PAIRS NUMBERED #1 TO #2 	INSULATION CONDUCTOR DRAIN SHIELD	A PAIR
 PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION TRAY CABLE. CLASS 3 CIRCUITS. RoHS COMPLIANT MATERIALS. 6) PRINT: (WHITE INK) QUABBIN P/N 0353 (UL) TYPE PLTC OR ITC 16 AWG SHIELDED 105C SUN RES OR C(UL)US TYPE CM OR AWM 2464 RoHS (LOT DESIGNATOR) 7) COLOR CODE: EACH PAIR: BLACK X WHITE PAIRS NUMBERED #1 TO #2 WHITE INK ON BLACK CONDUCTORS BLACK INK ON ALL OTHER CONDUCTORS A. ORANGE 	INSULATION CONDUCTOR DRAIN SHIELD PAIR SHIELD	A PAIR DRAIN
 PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION TRAY CABLE. CLASS 3 CIRCUITS. RoHS COMPLIANT MATERIALS. 6) PRINT: (WHITE INK) QUABBIN P/N 0353 (UL) TYPE PLTC OR ITC 16 AWG SHIELDED 105C SUN RES OR C(UL)US TYPE CM OR AWM 2464 RoHS (LOT DESIGNATOR) 7) COLOR CODE: EACH PAIR: BLACK X WHITE PAIRS NUMBERED #1 TO #2 WHITE INK ON BLACK CONDUCTORS BLACK INK ON ALL OTHER CONDUCTORS A. ORANGE 8) PACKAGING: 	INSULATION CONDUCTOR DRAIN SHIELD PAIR SHIELD	A PAIR DRAIN
 PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION TRAY CABLE. CLASS 3 CIRCUITS. RoHS COMPLIANT MATERIALS. 6) PRINT: (WHITE INK) QUABBIN P/N 0353 (UL) TYPE PLTC OR ITC 16 AWG SHIELDED 105C SUN RES OR C(UL)US TYPE CM OR AWM 2464 RoHS (LOT DESIGNATOR) 7) COLOR CODE: EACH PAIR: BLACK X WHITE PAIRS NUMBERED #1 TO #2 WHITE INK ON BLACK CONDUCTORS BLACK INK ON ALL OTHER CONDUCTORS A. ORANGE 8) PACKAGING: TO BE PACKAGED AS PER QWC'S 	INSULATION CONDUCTOR DRAIN SHIELD PAIR SHIELD Created 03/25/21 DRAWN: 03/25	
 PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION TRAY CABLE. CLASS 3 CIRCUITS. RoHS COMPLIANT MATERIALS. 6) PRINT: (WHITE INK) QUABBIN P/N 0353 (UL) TYPE PLTC OR ITC 16 AWG SHIELDED 105C SUN RES OR C(UL)US TYPE CM OR AWM 2464 RoHS (LOT DESIGNATOR) 7) COLOR CODE: EACH PAIR: BLACK X WHITE PAIRS NUMBERED #1 TO #2 WHITE INK ON BLACK CONDUCTORS BLACK INK ON ALL OTHER CONDUCTORS A. ORANGE 8) PACKAGING: 	INSULATION CONDUCTOR DRAIN SHIELD PAIR SHIELD	
 PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION TRAY CABLE. CLASS 3 CIRCUITS. RoHS COMPLIANT MATERIALS. 6) PRINT: (WHITE INK) QUABBIN P/N 0353 (UL) TYPE PLTC OR ITC 16 AWG SHIELDED 105C SUN RES OR C(UL)US TYPE CM OR AWM 2464 RoHS (LOT DESIGNATOR) 7) COLOR CODE: EACH PAIR: BLACK X WHITE PAIRS NUMBERED #1 TO #2 WHITE INK ON BLACK CONDUCTORS BLACK INK ON ALL OTHER CONDUCTORS A. ORANGE 8) PACKAGING: TO BE PACKAGED AS PER QWC'S 	INSULATION CONDUCTOR HI DRAIN SHIELD PAIR SHIELD Created 03/25/21 DRAWN: 03/25 REV. 01 CHECKED: 03/33 TITLE 2 PR (4/C) 16 AWG SH	A PAIR DRAIN PAIR DRAIN
 PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION TRAY CABLE. CLASS 3 CIRCUITS. RoHS COMPLIANT MATERIALS. 6) PRINT: (WHITE INK) QUABBIN P/N 0353 (UL) TYPE PLTC OR ITC 16 AWG SHIELDED 105C SUN RES OR C(UL)US TYPE CM OR AWM 2464 RoHS (LOT DESIGNATOR) 7) COLOR CODE: EACH PAIR: BLACK X WHITE PAIRS NUMBERED #1 TO #2 WHITE INK ON BLACK CONDUCTORS BLACK INK ON ALL OTHER CONDUCTORS A. ORANGE 8) PACKAGING: TO BE PACKAGED AS PER QWC'S STANDARD PACKAGING 	INSULATION CONDUCTOR HI DRAIN SHIELD PAIR SHIELD Created 03/25/21 DRAWN: 03/25 REV. 01 CHECKED: 03/33 TITLE 2 PR (4/C) 16 AWG SH	A PAIR DRAIN

DOCUMENT #0040 05/26/11

This document contains proprietary and confidential information which is the property of Quabbin Wire & Cable Co., Inc. and may not be copied or disclosed to others without the express written permission of Quabbin Wire & Cable Co., Inc.