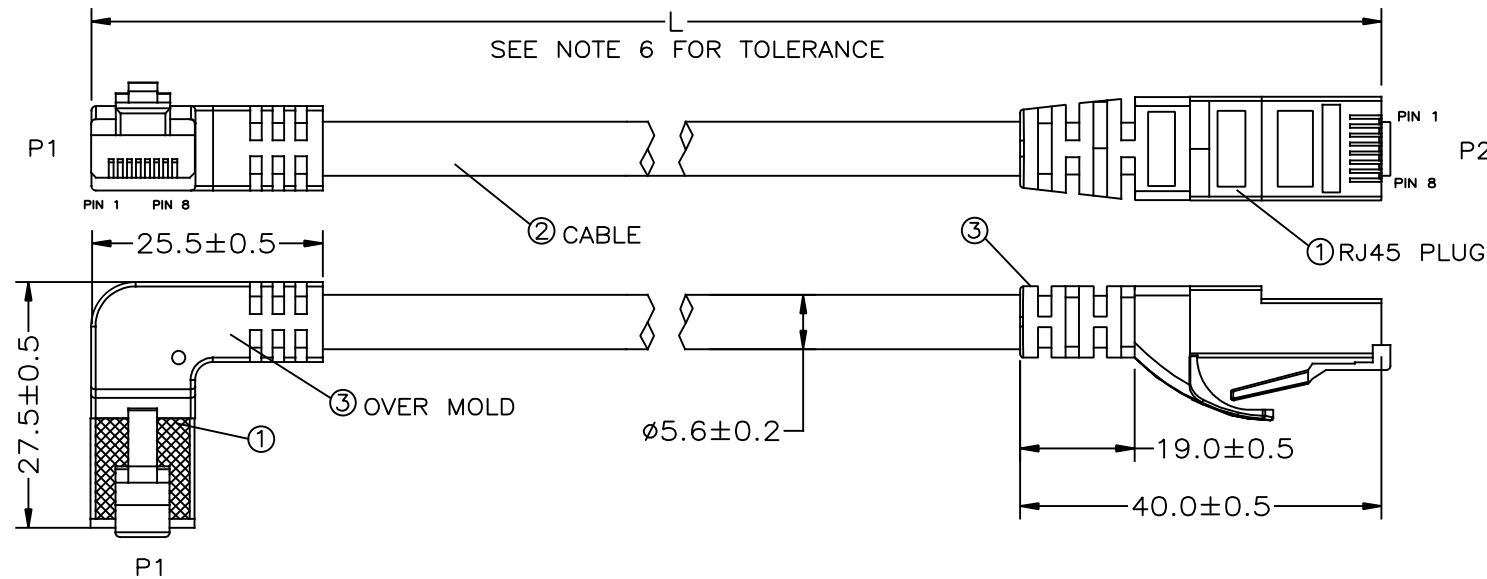


REVIEWS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL RELEASE	OCT17/24	K.T
B	ADD OVERMOLD DIMENSIONS	OCT30/24	K.T
C	UPDATE 90 DEGREE PLUG TO BE SHORT BODY TYPE	DEC20/24	K.T



NOTES:

- MATERIALS:**
PART 1) RJ45 PLUG
HOUSING: ENGINEERING THERMOPLASTIC, UL94 V-0, TRANSPARENT
CONTACTS: BRASS WITH NICKEL PLATED
PLATING: SELECTIVE GOLD ON MATING SURFACES.
50μ "[1.27 MICRONS] MIN. NICKEL UNDERPLATE.
SHIELD: BRASS WITH NICKEL PLATED
PART 2) CAT6 U/FTP CABLE:
JACKET: PVC, OUTER DIAMETER: 5.6mm,
CONDUCTORS: BARE COPPER, 28AWG(7/0.127)*4P.
PART 3) OVER MOLD: PVC

- ELECTRICAL**
INSULATION RESISTANCE: 100M OHM
WITHSTANDING VOLTAGE: 300V DC
CONDUCTION RESISTANCE: $L \leq 5M$, 3 OHM MAX;
5< $L \leq 10M$, 5 OHM MAX;
10< $L \leq 20M$, 8 OHM MAX;
20< $L \leq 40M$, 12 OHM MAX;
40< $L \leq 60M$, 16 OHM MAX;

OPEN/SHORT TEST: 100% TEST

- SIGNAL**
CAT6 CHANNEL REQUIREMENTS

- OPERATING TEMPERATURE:** -20°C TO 75°C

- PLUG MECHANICAL AND DIMENSIONS CONFORM TO TIA 1096.**

- TOLERANCE OF CABLE LENGTH:**
 $L \leq 0.3M$, +25MM/-0; 0.3< $L \leq 1.5M$, +50MM/-0;
1.5< $L \leq 3.0M$, +100MM/-0; 3.0< $L \leq 7.5M$, +150MM/-0;
 $L > 7.5M$, +5%/-0

ORDERING CODE: RJE1Y-2X XXXD5-GX01

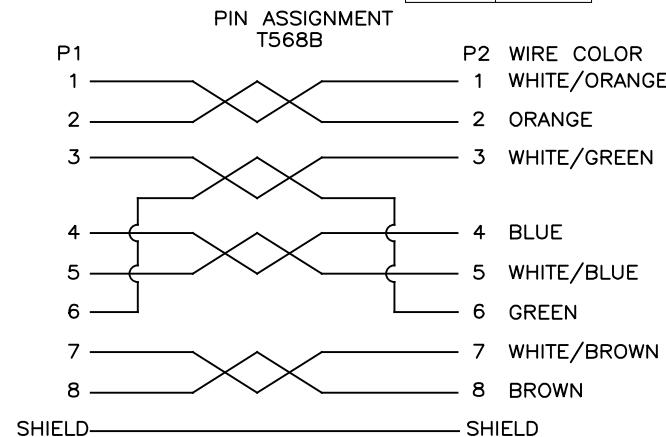
COLOR CODE:

1=WHITE	5=YELLOW
2=BLACK	6=BLUE
3=GREY	7=PURPLE
4=GREEN	8=RED

CONTACT & GOLD PLATING CODE:
1=8P8C, GOLD FLASH; 2=8P8C, 8u"
3=8P8C, 30u"; 4=8P8C, 50u"

LENGTH CODE:

LENGTH IN MM	
1 METER + 00 TO 99 CENTIMETERS	A00 TO A99
2 METER + 00 TO 99 CENTIMETERS	B00 TO B99
3 METER + 00 TO 99 CENTIMETERS	C00 TO C99
4 METER + 00 TO 99 CENTIMETERS	D00 TO D99
5 METER + 00 TO 99 CENTIMETERS	E00 TO E99
6 METER + 00 TO 99 CENTIMETERS	F00 TO F99
7 METER + 00 TO 99 CENTIMETERS	G00 TO G99
8 METER + 00 TO 99 CENTIMETERS	H00 TO H99
9 METER + 00 TO 99 CENTIMETERS	J00 TO J99
10 METER + 00 TO 99 CENTIMETERS	K00 TO K99
20 METER + 00 TO 99 CENTIMETERS	L00 TO L99
30 METER + 00 TO 99 CENTIMETERS	M00 TO M99
CABLE LENGTH ORDERING CODE EXAMPLES: 75CM=F50, 6.3M=F30, 25M=L50, 80M=M50	



UNLESS SPECIFIED OTHERWISE	DRAWN	J.CHEN	OCT17/24
PRIMARY UNITS MILLIMETERS	CHECKED	K.TANG	OCT17/24
SECONDARY	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES FOR MM	DWG APP'D		
1 DECIMAL PLACE ±2.0	ENG. REL. NO.	EAR 15998	
2 DECIMAL PLACES	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION		
AUGULAR DEGREE	DO NOT SCALE DRAWING		

Amphenol Canada Corp.
Commercial Products

RJ45 CAT6 U/FTP CABLE ASSEMBLY, ONE
END STRAIGHT, OTHER END RIGHT ANGLE TYPE,
OD 5.6MM, RoHS COMPLIANT

DWG NO. P-RJE1Y-2XXXXD5-GX01 REV C

CODE ID NO. 03554 DWG SIZE/A SCALE FIT SHEET 1 OF 2

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL RELEASE	OCT17/24	K.T
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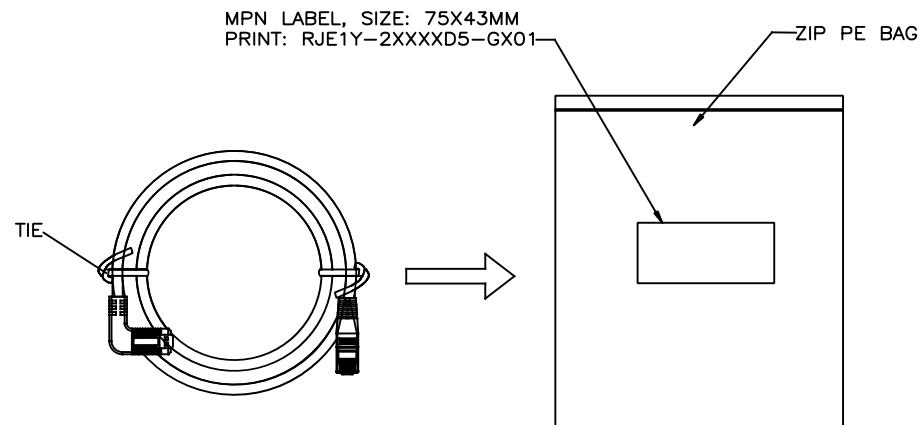


FIGURE 1

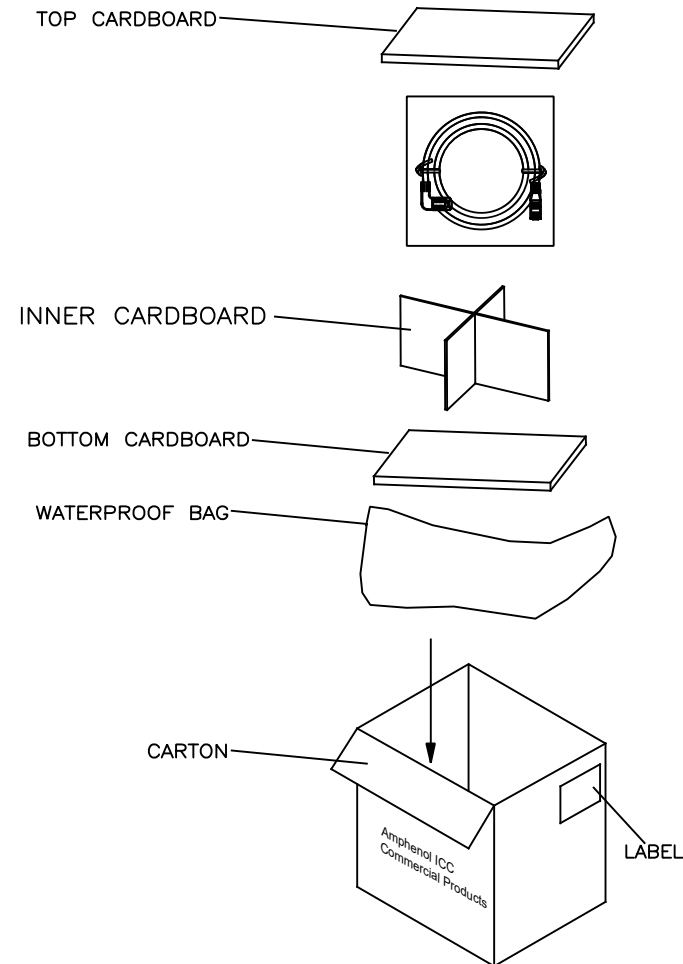


FIGURE 2
CARTON PACKAGING REFERENCE

NOTES:

1. PACKING CABLE WITH TWO TIES, THEN PUT IT INTO POLYBAG AND SEALING IT, EACH BAG CONTAINS ONE CABLE(FIGURE 1).
2. SEE FIGURE 2 FOR PACKING DETAILS, LOADING QUANTITY VARIANCE WITH DIFFERENT CABLE LENGTH.
3. CLOSE, SEAL AND MARK CARTON WITH PART NUMBER AND QUANTITY. ADD BAR CODE LABEL WHEN APPLICABLE.

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UNLESS SPECIFIED OTHERWISE		DRAWN	J.CHEN	OCT17/24	Amphenol Canada Corp. Commercial Products			
PRIMARY UNITS MILLIMETERS		CHECKED	K.TANG	OCT17/24				
SECONDARY		M.E. APP'D			RJ45 CAT6 U/FTP CABLE ASSEMBLY, ONE END STRAIGHT, OTHER END RIGHT ANGLE TYPE, OD 5.6MM, RoHS COMPLIANT			
REFERENCE IN PARENTHESES		Q.A. APP'D						
GENERAL TOLERANCES FOR MM		DWG APP'D						
1 DECIMAL PLACE ±2.0		ENG. REL. NO. EAR 15998			DWG NO. P-RJE1Y-2XXXXD5-GX01 CODE ID NO. 03554 DWG SIZE N/A SCALE FIT SHEET 2 OF 2			
2 DECIMAL PLACES		REF.						
3 DECIMAL PLACES		THIRD ANGLE PROJECTION 						
ANGULAR DEGREE		DO NOT SCALE DRAWING						