

LENGTH TABLE	
PART NUMBER	LENGTH (METERS)
AT04GY-2P-N-TPE-M1	1 (3.28FT)
AT04GY-2P-N-TPE-M2	2 (6.56FT)
AT04GY-2P-N-TPE-M4	4 (13.12FT)
AT04GY-2P-N-TPE-M5	5 (16.40FT)
AT04GY-2P-N-TPE-M10	10 (32.80FT)

CONNECTOR TYPE

AT - Amphenol AT Connector

PLEASE CONTACT CSR FOR ADDITIONAL AVAILABLE OPTIONS

DESIGN

04 Male Connector

06 Female Connector

POSITIONS

2 2 Pin

3 3 Pin

4 4 Pin

6 6 Pin

8 8 Pin

12 12 Pin

DESIGN

5 Female Connector

P Male Connector

COLORS

GY - GRAY

BK - BLACK

BN - BROWN

YL - YELLOW

RD - RED

GN - GREEN

WT - WHITE

BL - BLUE

ORG - ORANGE

NOTE: 8 & 12 WAY ARE ONLY AVAILABLE IN STANDARD KEY/COLOR CONFIGURATIONS.

KEY A - GRAY

KEY B - BLACK

KEY C - GREEN

KEY D - BROWN

AT04GY-2P-N-TPE-M2

CABLE LENGTH (M = METERS)

1 = 1M

2 = 2M

4 = 4M

5 = 5M

10 = 10M

CUSTOM CABLE LENGTH OPTIONS AVAILABLE. CONTACT CSR.

CABLE TYPE

TPE - TPE, BLACK

LED/SUPPRESSOR CIRCUIT

N - NONE

S - LED/SUPPRESSOR DIODE(2POSITION)

FACE VIEW

0.7in [17mm]

2.3in [58mm]

1in REF

0.9in [22mm]

LENGTH (Mx)

2in [51mm]

.23in [REF]

1/4in [6.3mm]

WIRING DIAGRAM

1 WHITE 18AWG

2 BLACK 18AWG

BEFORE OVERMOLD

AFTER OVERMOLD

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

HOUSING: PA66

SEAL: SILICONE RUBBER

2. MODIFICATIONS: OVERMOLDED

3. SPECIFICATIONS:

3.1 CURRENT RATING: 15AMPS - 300V AC/DC

3.2 OVERMOLDED ASY OPERATING TEMPERATURE: -40C TO +100C

3.3 CONTACTS: COPPER ALLOY, NICKEL-PLATED

3.4 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.

3.5 INSULATION RESISTANCE: 1000 MEGAOHMS MIN @ 25C

3.6 MOISTURE RESISTANCE: IP68 MATED CONDITION (1M OF WATER FOR 24 HOURS).

3.7 MATING CYCLE DURABILITY: 100 CYCLES

3.8 RoHS COMPLIANT

4. CABLE SPECIFICATIONS:

COMPONENTS: TWO 18AWG, SRPVC INSULATED CONDUCTORS

41/34 BARE COPPER.

CONDUCTOR INSULATION: SRPVC (SEE COLOR CODE)

PAIR TWIST: 2 CONDUCTORS CABLED TOGETHER WITH FRPP FILLERS

BINDER: FLEECE TAPE

JACKET: TPE, BLACK

PRINT: AMPHENOL SINE SYSTEMS KA-56764-2 2C 18AWG (UL FILE NUMBER) RU AWM 21270 105C 600V --- (CSA FILE NUMBER) CSA AWM I/II A/B -40C TO +105C 600V FT4

APPROVALS: AWM 21270, CSA AWM I/II A/B FT4, SUNLIGHT RESISTANT, OIL R ESISTANT, MATERIALS ARE RoHS 3 COMPLIANT.

5. MATING PART: AT06-2S* PLUG

(* = MODIFICATIONS AND COLORS)

6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

REVISIONS						
REV	ZONE	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	-	RELEASED	3/10/2021	RO	WS
A2	-	-	ADDED CONTACT + PLATING INFORMATION TO DRAWING	4/20/2022	RO	RO

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	DATE
1) All dimensions are in metric(mm).		DRAWN: RO	11/5/2020
2) Tolerances are as follows:		CHECKED: WS	1/15/2021
1 PL DEC ±0.30		ENGINEER: RO	
2 PL DEC ±0.15		APPROVAL: WS	1/15/2021
3 PL DEC ±0.08		CUSTOMER:	
3) Note reference =		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.	
MATERIAL SPECIFICATIONS:			
PROCESS SPECIFICATIONS:			
NEXT ASSY:			

SIZE	TYPE	DWG NO:	REVISION
C	C-	AT04GY-2P-N-TPE-Mx	A2
SCALE:	NONE	AT04GY-2P-N-TPE-Mx	SHEET 1 OF 1