

6

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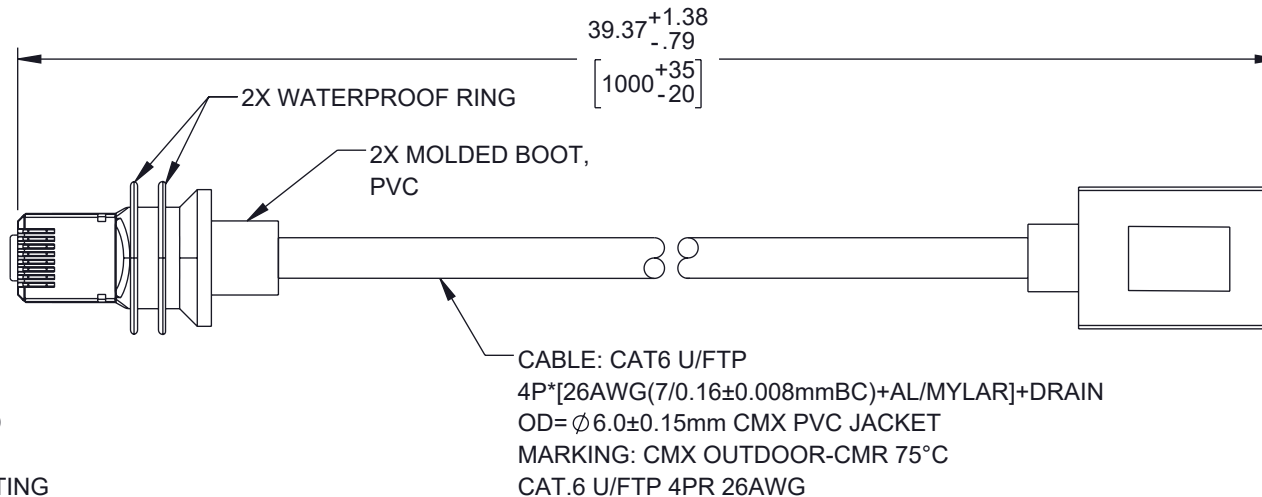
2

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ROUTING SIDE

REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	12/12/2024	TDUFRENE	DGUST

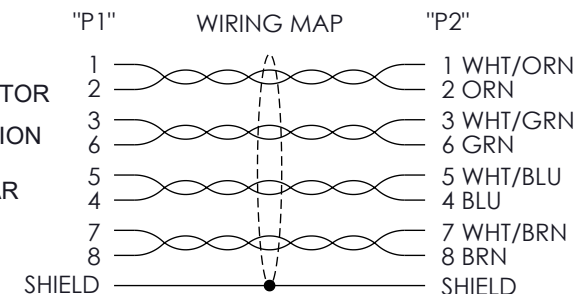
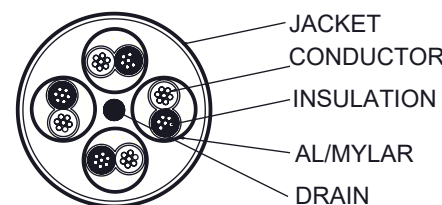
8
1
"P1"
RJ45 PLUG
8P8C GOLD PLATED
TWO-PIECE PLUG
SHIELDED NICKEL PLATING



1.....8
"P2"
RJ45 FEMALE
CONNECTOR
8P8C GOLD
PLATED

NOTES:

- OVERVIEW:
BANDWIDTH: 250MHZ
WIRING SCHEME – T568B
TEMPERATURE RATING
INSTALLATION: 0°C~50°C
OPERATION: -40°C~75°C
VOLTAGE RATING – 30V
UV RESISTANT
WIRE INSULATION – FMPE
DIAMETER – 1.04±0.05mm.
- ELECTRICAL CHARACTERISTICS
CONDUCTOR DC RESISTANCE – 15.2Ω/100m (MAXIMUM)
IMPEDANCE – 100Ω
CAPACITANCE – 5600PF/100m
PROPAGATION DELAY – 545NS/100m (MAXIMUM)
DELAY SKEW – 45NS/100m (MAXIMUM)
PASS FLUKE DSX 8000 CHANNEL TEST.



REGULATORY COMPLIANCE:
EU ROHS DIRECTIVE (MOST RECENT RELEASED VERSION).

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UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

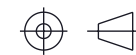
TOLERANCES:
X = ±.2 [5] FRACTIONS
XX = ±.02 [0.5] ± 1/32
XXX = ±.005 [0.13] ANGLES ± 1°

CABLE LENGTH TOLERANCES:
≤12 [305] = +1 [25] / -0
>12 [305] ≤ 60 [1524] = +2 [51] / -0
>60 [1524] ≤ 120 [3048] = +4 [102] / -0
>120 [3048] ≤ 300 [7620] = +6 [152] / -0
>300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY
AND SUBJECT TO CHANGE WITHOUT NOTICE.
UN-DIMENSIONED/NON-CRITICAL FEATURES
MAY VARY IN SIZE AND LOCATION
COLORS MAY VARY

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INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE SHEET
NONE 1 OF 2

DESCRIPTION
STARLINK G3 INDOOR-OUTDOOR KIT, 2X M-F CABLES, 1M

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	TDUFRENE	TSLG3-IDODKIT-1M	A

6

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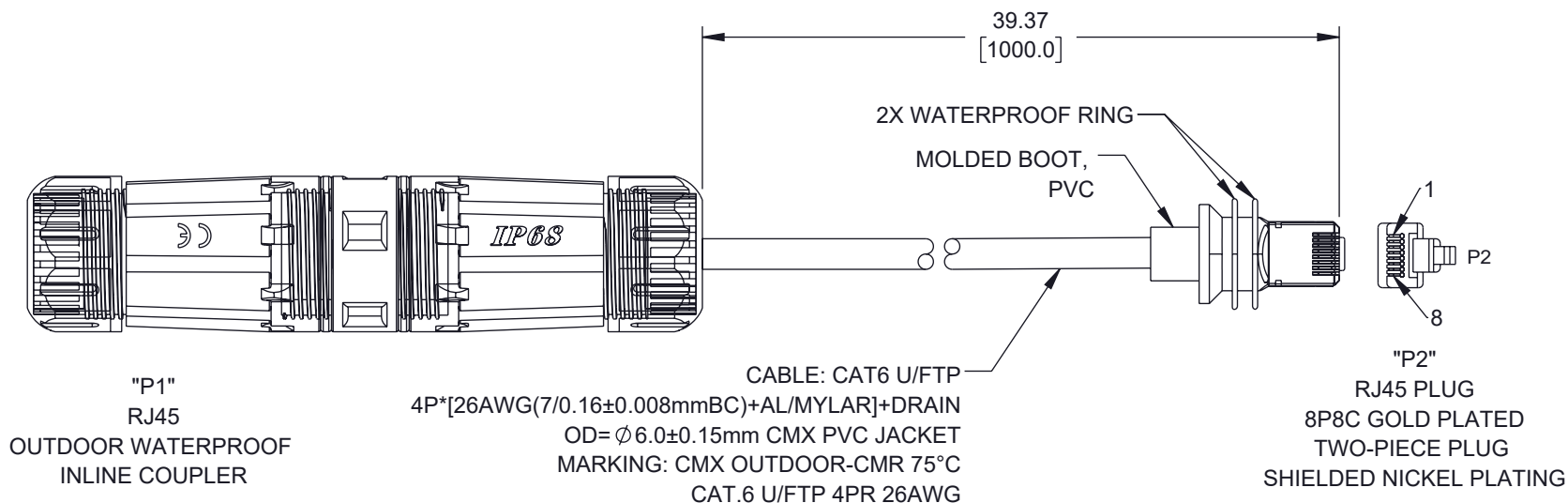
4

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DEVICE SIDE



NOTES:

1. OVERVIEW:

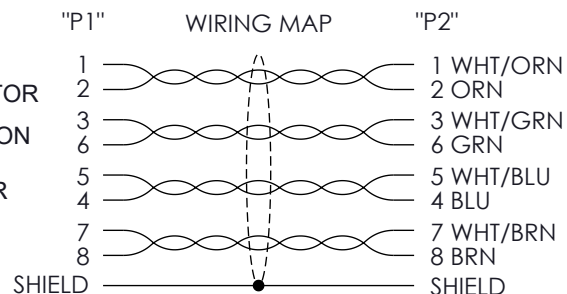
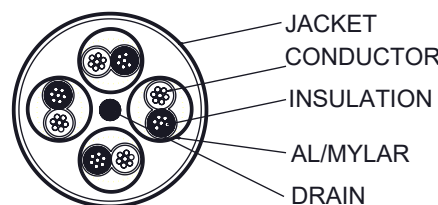
BANDWIDTH: 250MHZ
WIRING SCHEME – T568B
TEMPERATURE RATING
INSTALLATION: 0°C~50°C
OPERATION: -40°C~75°C
VOLTAGE RATING – 30V
UV RESISTANT
INSULATION – FMPE.

2. ELECTRICAL CHARACTERISTICS

CONDUCTOR DC RESISTANCE – 15.2Ω/100m (MAXIMUM)
IMPEDANCE – 100Ω
CAPACITANCE – 5600PF/100m
PROPAGATION DELAY – 545NS/100m (MAXIMUM)
DELAY SKEW – 45NS/100m (MAXIMUM)
PASS FLUKE DSX 8000 CHANNEL TEST

REGULATORY COMPLIANCE:

EU ROHS DIRECTIVE (MOST RECENT RELEASED VERSION).

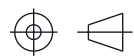


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INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE SHEET
NONE 2 OF 2

DESCRIPTION

STARLINK G3 INDOOR-OUTDOOR KIT, 2X M-F CABLES, 1M

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	TDUFRENE	TSLG3-IDODKIT-1M	A

6

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4

3

2

1

Mouser Electronics

Authorized Distributor

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