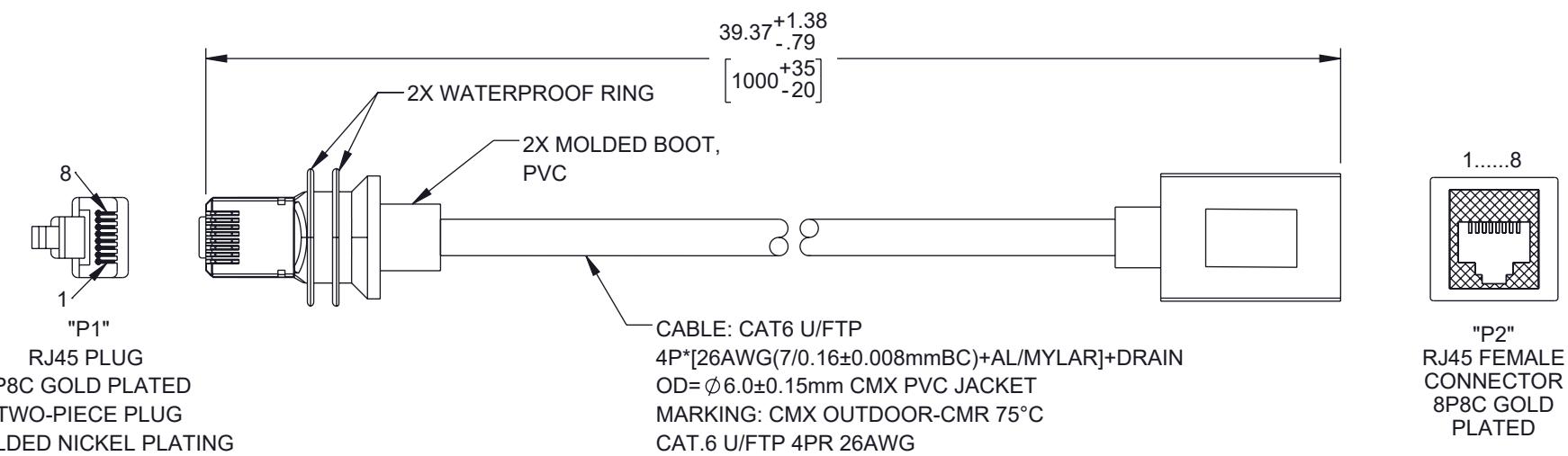


ROUTING SIDE

REVISION

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

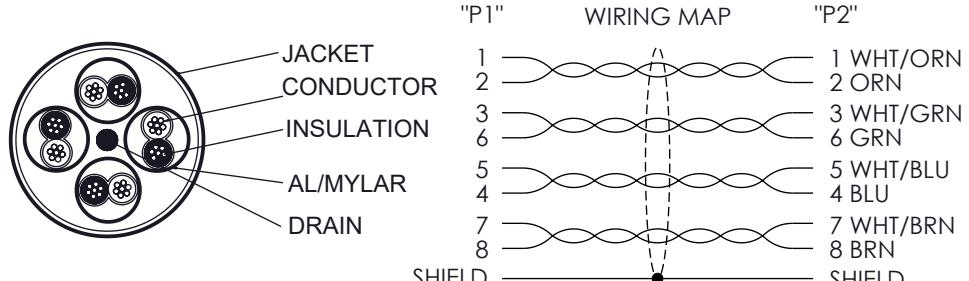


NOTES:

- 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]
XX = ±.02 [0.5]
XXX = ±.005 [0.13]

FRACTIONS
± 1/32
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-DIMENIONED/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

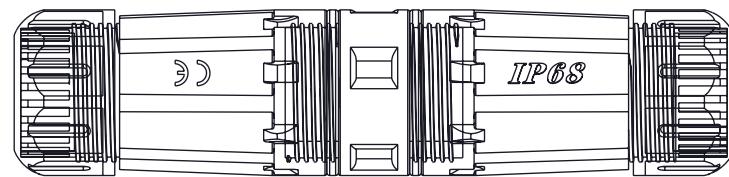
SCALE
NONE

SHOOT
1 OF 2

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

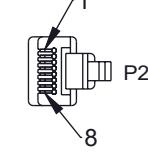
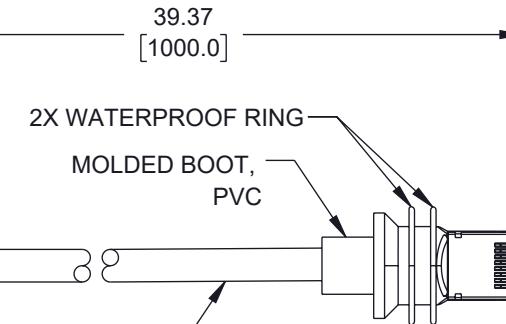
SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	TDUFRENE	TSLG3-IDODKIT-1M	A

DEVICE SIDE



"P1"
RJ45
OUTDOOR WATERPROOF
INLINE COUPLER

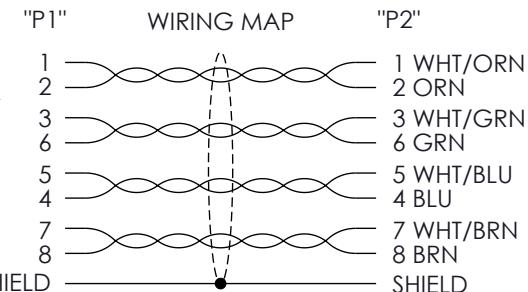
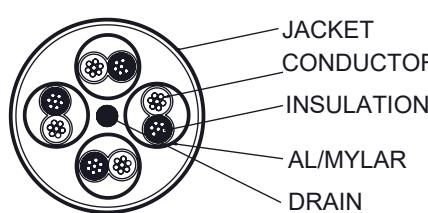
4P*[26AWG(7/0.16±0.008mmBC)+AL/MYLAR]+DRAIN
OD=Φ 6.0±0.15mm CMX PVC JACKET
MARKING: CMX OUTDOOR-CMR 75°C
CAT.6 U/FTP 4PR 26AWG



"P2"
RJ45 PLUG
8P8C GOLD PLATED
TWO-PIECE PLUG
SHIELDED NICKEL PLATING

NOTES:

- 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.
- 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:
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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

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UN-DIMENSIONED/NON-CRITICAL FEATURES
MAY VARY IN SIZE AND LOCATION
COLORS MAY VARY

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

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