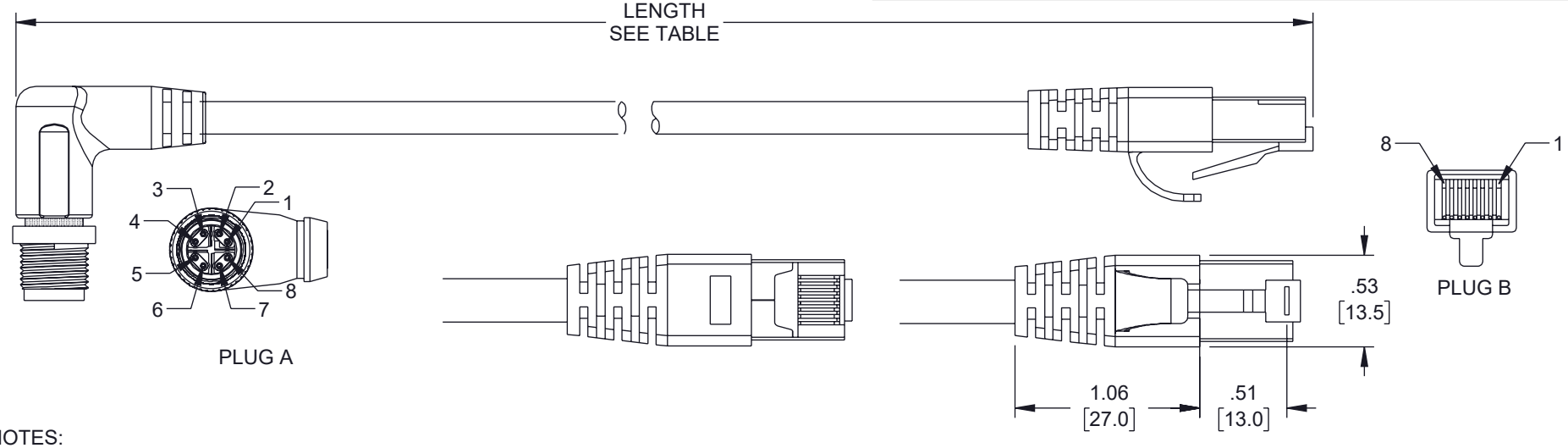
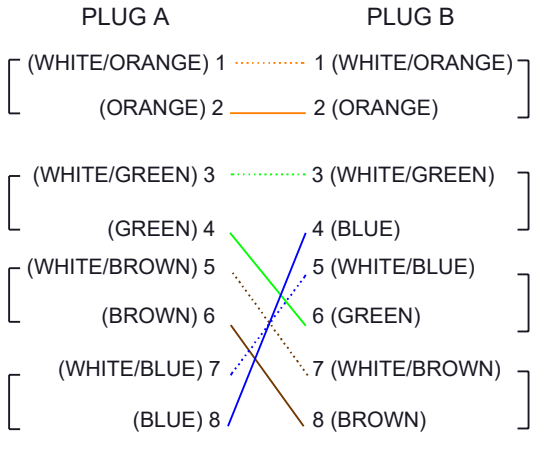
REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	05/27/2025	TDUFRENE	GUTTADAURO



NOTES:

1. CABLE:
   STRUCTURE: S/FTP 26AWG 4 PAIR PATCH CABLE CAT.7; JACKET: PUR, OD: 6.4 0.3mm; MARKING: CTi IEC 61156-6 CATEGORY 7 S/FTP PATCH CABLE 4 PAIR 26AWG TPU BATCH NUMBER 00000001M (SEQUENTIAL LENGTH IN METERS); PLUG: M12; MOLDED: PUR; ZPSG017: RJ-45, PLUG 8P8C, RJ-45,PLUG 8P8C, SHIELDED,PIN GOLD PLATED 50MICRO-INCH, 2 PRONGS,DOUBLE LAYER INSERT (OD=1.1mm), UL94V-0.
2. PATCH CABLE:
   IP CLASS: IP20, OPERATING TEMPERATURE RANGE: -40°C TO +85°C; FREQUENCY: 500MHz; TRANSMISSION RATE: UP TO 10Gbps; POE: CAPABLE; PIN ASSIGNMENT: 1:1; ASSIGNMENT ACC. STANDARD: IEC-61076-2-109; FLAME RESISTANCE: UL444 CMX; UV RESISTANCE: IEC 60068-2-5 (2 CYCLE OF PROCEDURE B); OIL RESISTANCE: UL758 60°C; HALOGEN-FREE: IEC 60754-1.
3. CONNECTOR:
   TYPE: CIRCULAR M12, X-CODE, MALE, MOUNTED; PINS: 8; CATEGORY: CAT 6A; IP CLASS:IP68; TEMPERATURE RANGE -25°C TO +85°C; SHIELDED; DURABILITY: 500 MATING CYCLES; INSULATION RESISTANCE: >100 MOhm; CONTACT RESISTANCE: 10 mOhm MAX; WITHSTANDING VOLTAGE: 500V AC/MINUTE.



PART NO.	LENGTH
TRG613-P6N-05M	19.69 [0.5m]
TRG613-P6N-1M	39.37 [1m]
TRG613-P6N-3M	118.11 [3m]
TRG613-P6N-5M	196.85 [5m]
TRG613-P6N-10M	393.7 [10m]

UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS
TOLERANCES:
.X = ±.2 [5] | FRACTIONS ± 1/32
.XX = ±.02 [0.5] | ANGLES ± 1°
.XXX = ±.005 [0.13]
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 1

DESCRIPTION
M12 CATEGORY 6A 10GIG IP68 8 POSITION X CODE DOUBLE SHIELDED S/FTP, 26AWG, OUTDOOR INDUSTRIAL CABLE, RAM12M RJ45M, CMX HFPUR, GRN

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	TDUFRENE	TRG613-P6N	A

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