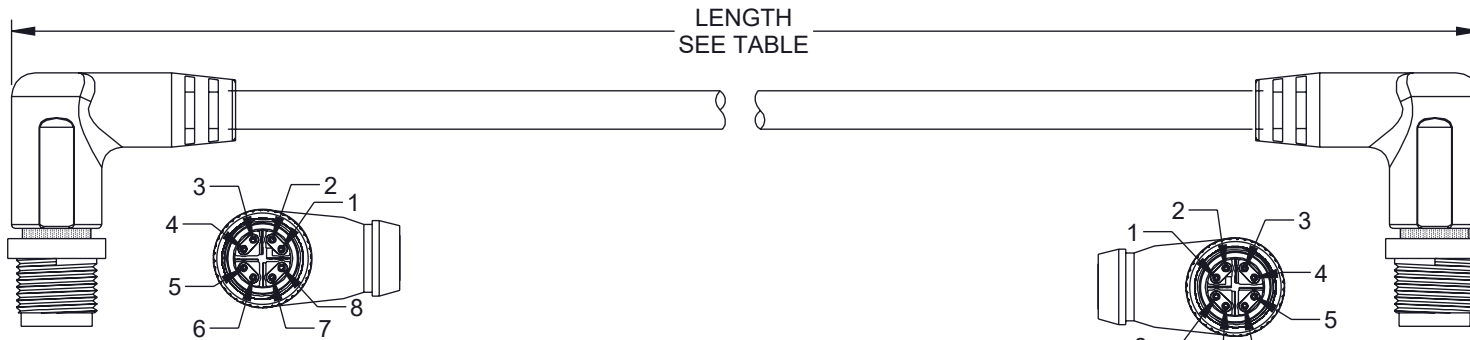


REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	04/30/2025	TUFRERE	GUTTADAURO



PLUG A

PLUG B

NOTES:

- 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 0000001M (SEQUENTIAL LENGTH IN
METERS); PLUG: M12; INNER GLUE: LWA-500 NATURAL
COLOR; OUTER MOLDED: PUR.
- 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.
- 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.

PLUG A	PLUG B
(WHITE/ORANGE) 1	1 (WHITE/ORANGE)
(ORANGE) 2	2 (ORANGE)
(WHITE/GREEN) 3	3 (WHITE/GREEN)
(GREEN) 4	4 (GREEN)
(WHITE/BROWN) 5	5 (WHITE/BROWN)
(BROWN) 6	6 (BROWN)
(WHITE/BLUE) 7	7 (WHITE/BLUE)
(BLUE) 8	8 (BLUE)
DRAIN WIRE / SCREEN	DRAIN WIRE / SCREEN

PART NO.	LENGTH
TRG621-P6N-05M	19.69 [0.5m]
TRG621-P6N-1M	39.37 [1m]
TRG621-P6N-3M	118.11 [3m]
TRG621-P6N-5M	196.85 [5m]
TRG621-P6N-10M	393.7 [10m]

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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 RAM12M, CMX HFPUR, GRN

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	TUFRERE	TRG621-P6N	A