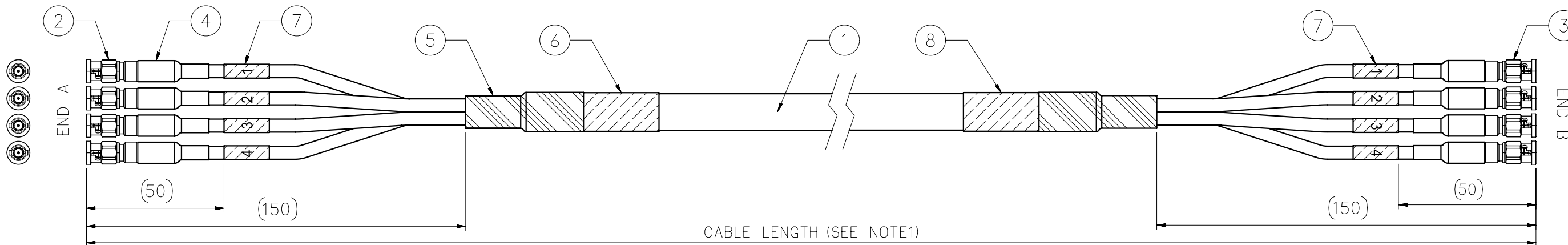
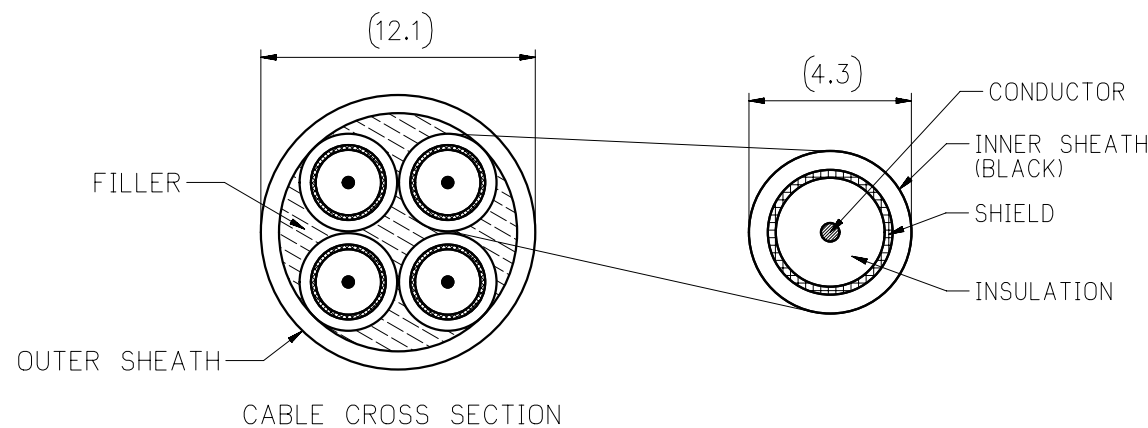
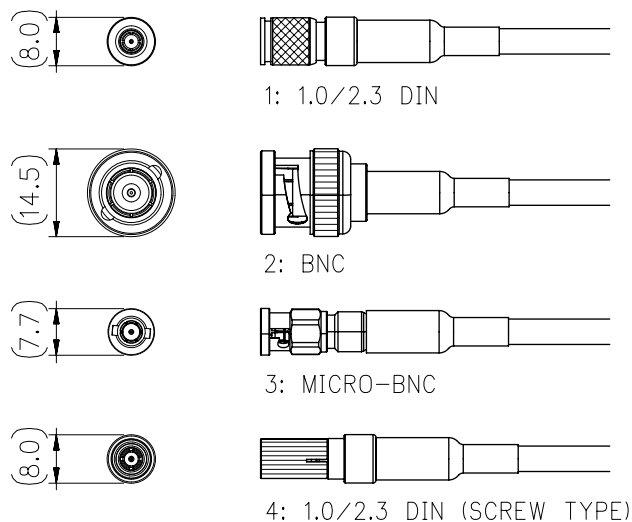


3M™ COAXPRESS INDUSTRIAL CAMERA CABLE ASSEMBLY,
4X MULTI CHANNEL 1CXx-xx-QG SERIES

- SUPPORT COAXPRESS STANDARD (UP TO 10m LENGTH FOR CXP-12 AND 13m LENGTH FOR CXP-6)
- HIGH FLEX DURABLE CABLE FOR BENDING/SLIDING APPLICATION (OVER 10 MILLION CYCLES WITH DRAG CHAIN AT R100mm)
- MICRO-BNC, BNC, 1.0/2.3(DIN) CONNECTOR AVAILABLE
- ROHS COMPLIANT AND CE MARKING



CONNECTOR OPTION



8	CE MARK LABEL	1	COLOR: WHITE
7	CHANNEL ID LABEL	8	COLOR: WHITE
6	PRODUCT LABEL	1	COLOR: WHITE
5	HEAT SHRINK TUBE (2)	2	COLOR: BLACK
4	HEAT SHRINK TUBE (1)	8	COLOR: BLACK
3	CONNECTOR (END B)	4	BODY: COPPER ALLOY
2	CONNECTOR (END A)	4	BODY: COPPER ALLOY
1	4X MULTI CHANNEL CABLE (V140.0X4)	xxx	SHEATH: PVC, COLOR: BLACK
ITEM#	PART NAME	QTY	NOTE

TOLERANCES EXCEPT AS NOTED	DFTG M.NAITOU	DATE 10/11/24
INCHES .0 ± .00 ± .000 ±	CHKD S.YOKOYAMA	DATE 10/11/24
MILLIMETERS .0 ± .5 .00 ± .20 .000 ± N/A	MFG	DATE
ANGLES ±5°	APPVL Y.KAWATE	DATE 10/11/24
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THIRD ANGLE PROJECTION		

C	122985	APR 16,2025 REVISED DESCRIPTION OF CABLE SHEATH MATERIAL	MN	TH
B	122256	MAR 15,2025 REVISED CONNECTOR OPTION	MN	TH
A	119180	INITIAL RELEASE	MN	SY
REV.	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
3M		3M Center St. Paul, MN 55144	DIVISION DEPP	MODEL
TITLE		3M™ COAXPRESS INDUSTRIAL CAMERA CABLE ASSEMBLY 4X MULTI CHANNEL 1CXx-xx-QG SERIES		
FSCM NO.	SIZE A3	DRAWING NO. 78-5100-2818-2	REV. C	
SCALE		DET LISTS <input type="checkbox"/> YES <input type="checkbox"/> NO	SHT 1 OF 3	

DRAWING NO. 78-5100-2818-2
REV. C

3M™ COAXPRESS INDUSTRIAL CAMERA CABLE ASSEMBLY,
4X MULTI CHANNEL 1CXx-xx-QG SERIES

ORDERING INFORMATION

1 C X x - x x - Q G - x x x . x

CXP TYPE (BIT RATE)
CX6 = up to 6.25Gbps/1ch
CX12 = up to 12.5Gbps/1ch

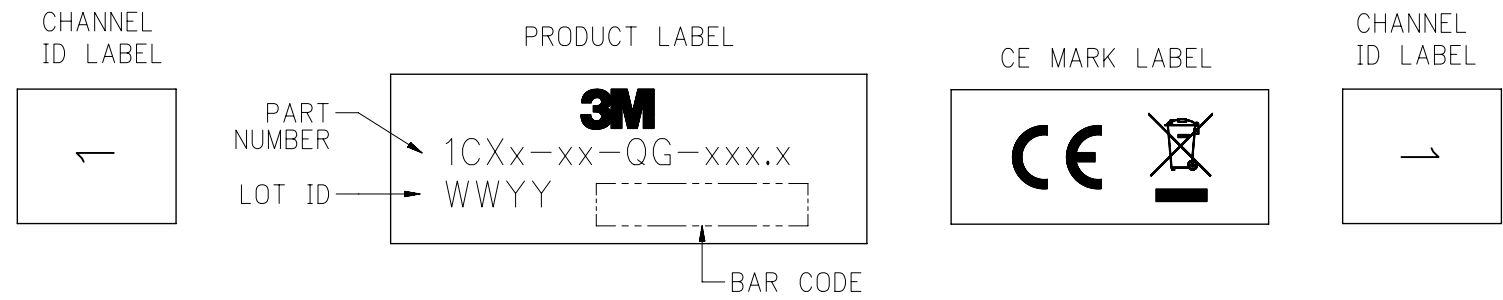
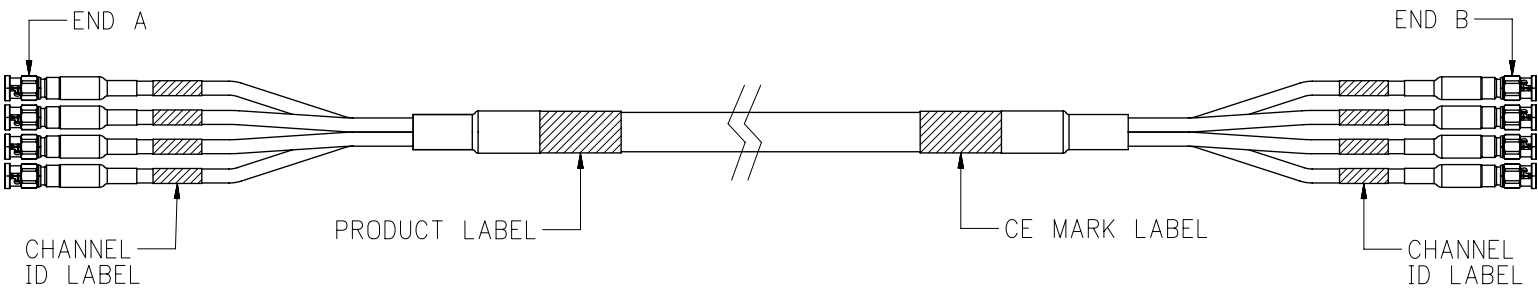
CONNECTOR TYPE (END A)
1 = 1.0/2.3 DIN *
2 = BNC
3 = MICRO-BNC
4 = 1.0/2.3 DIN * (SCREW TYPE)

CABLE TYPE:
QG = 4X MULTI-CHANNEL CABLE
HIGH PERFORMANCE TYPE

CONNECTOR TYPE (END B)
1 = 1.0/2.3 DIN *
2 = BNC
3 = MICRO-BNC
4 = 1.0/2.3 DIN * (SCREW TYPE)

CABLE LENGTH [m]

* 1.0/2.3 DIN IS NOT AVAILABLE FOR CXP-12




CABLE	
TEMPERATURE AND VOLTAGE RATING	105° C / 300 V
IMPEDANCE	75 Ohm
CURRENT RATING	1A
SHEATH MATERIAL	PVC (LOW DUST TYPE)
SHEATH COLOR	BLACK
OUTER DIAMETER	12.1mm
RECOMMENDED MIN. BENDING RADIUS	75mm
FLAMMABILITY	UL AWM VW-1

PERFORMANCE	
CXP SUPPORTING TRANSMISSION DISTANCE	10m(CXP-12), 13m(CXP-6)
FLEX DURABILITY	OVER 10 MILLION CYCLES * (WITH DRAG CHAIN R100mm)

* RESULT UNDER 3M TEST CONDITIONS.

ENVIRONMENTAL	
OPERATING TEMPERATURE	0 to 70° C

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TOLERANCES EXCEPT AS NOTED	DFTG	M.NAITOU	DATE	<div>3M</div> <div>3M Center St. Paul, MN 55144</div>	DIVISION		DEPP	MODEL	
	CHKD	S.YOKOYAMA	DATE		DIVISION CODE				
	INCHES		MFG		DATE	TITLE 3M™ COAXPRESS INDUSTRIAL CAMERA CABLE ASSEMBLY 4X MULTI CHANNEL 1CXx-xx-QG SERIES			
	.0 ± .00 ± .000 ±		APPVL		Y.KAWATE				
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.0 ± .5 .00 ± .20 .000 ± N/A					FSCM NO.		SIZE	DRAWING NO.	REV.
ANGLES ±5°		THIRD ANGLE PROJECTION					A3	78-5100-2818-2	C
					SCALE		DET LISTS <input type="checkbox"/> YES <input type="checkbox"/> NO		SHT 2 OF 3

3M™ COAXPRESS INDUSTRIAL CAMERA CABLE ASSEMBLY,
4X MULTI CHANNEL 1CXx-xx-QG SERIES

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Display and Electronics Product Platform
3M Center, Building 223-3S-32
St Paul, MN 55144
1-800-251-8634

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TITLE 3M™ COAXPRESS INDUSTRIAL CAMERA CABLE ASSEMBLY 4X MULTI CHANNEL 1CXx-xx-QG SERIES				
FSCM NO.	SIZE A3	DRAWING NO. 78-5100-2818-2	REV. C	
SCALE		DET LISTS <input type="checkbox"/> YES <input type="checkbox"/> NO	SHT 3 OF 3	

TOLERANCES EXCEPT AS NOTED	DFTG M.NAITOU DATE 10/11/24
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