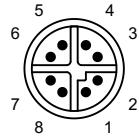


**FACE VIEW MALE  
M12 - X CODE**



1 = wh 5 = wh  
2 = or 6 = bn  
3 = wh 7 = wh  
4 = gn 8 = bu  
NUT = shield 360°

**RoHS** ✓

**MATERIALS SPECIFICATIONS**

MOLDED BODY / COLOR: PA / BLACK  
CONTACT CARRIER FEMALE / COLOR: PA  
CONTACT MATERIAL / PLATING: CuZn / Ni/Au  
COUPLING NUT: CuZn / Ni PLATED

**MECHANICAL**

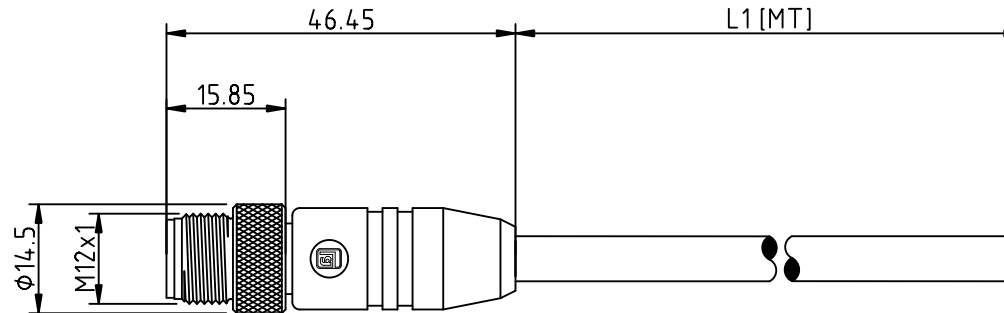
PROTECTION CLASS: IP65, IP67, NEMA 6P  
TEMPERATURE RANGE: -30°C TO +60°C

**ELECTRICAL**

VOLTAGE RATING: 48 V  
CURRENT RATING: 0.5 A

**CABLE SPECIFICATIONS**

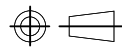
OUTER JACKET / COLOR: TPE (WELD SPARK RESISTANT) / TEAL  
OUTER DIAMETER: Ø 6.8 mm  
WIRE INSULATION MATERIAL: 4P / 26 AWG, STRANDED BC  
NUMBER OF WIRES / SIZE: PE  
SHIELD TYPE: BRAID TC, AI-PE TAPE  
DRAIN WIRE: NONE  
CABLE APPROVALS: ISO/IEC 11801 CAT 7, EN 50173-1,  
TIA/EIA-568-B.2  
APPLICATION: CAT 7 DATA CABLE FOR USE IN  
MODERATE FLEXING APPLICATIONS  
OIL RES. IEC 60811-2-1  
OTHER SPECIFICATION: FLAME RATING: IEC 60332-1-2  
TEMPERATURE RATING: -40°C TO +80°C



**NOTES:**

A. \*\*\* IN DESCRIPTION INDICATES CABLE LENGTH FOLLOWED BY "M" FOR METERS

This drawing is the property of Belden Inc. and is proprietary in general and in detail. It's content shall not be revealed to outside parties without written consent of Belden, Inc.



SCALE  
NONE

THIRD ANGLE PROJECTION

DO NOT SCALE PRINT

UNIT OF MEASURE

MILLIMETER

MATERIAL

SEE SPECIFICATIONS

FINISH

SEE SPECIFICATIONS

DRAWN BY:

BAB

CHECKED BY:

BAB

APPROVED BY:

RBS

DATE

7.17.17

DATE

7.17.17

DATE

8.30.18

REV:

B



**lumberg** automation  
A Belden Brand

DESCRIPTION

RSTS 8X-S478/\*M

REV:

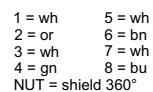
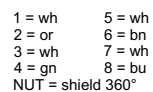
B

DWG NO

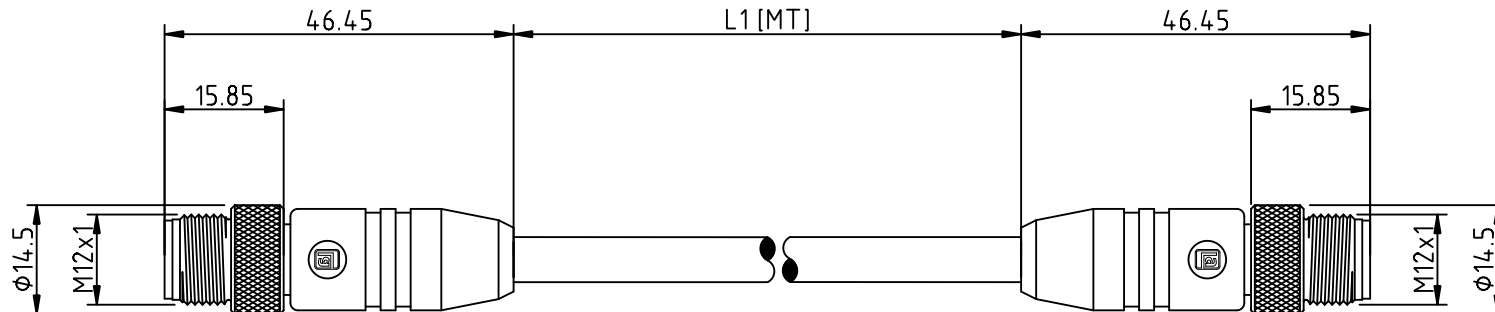
xCATPD2155

SHEET

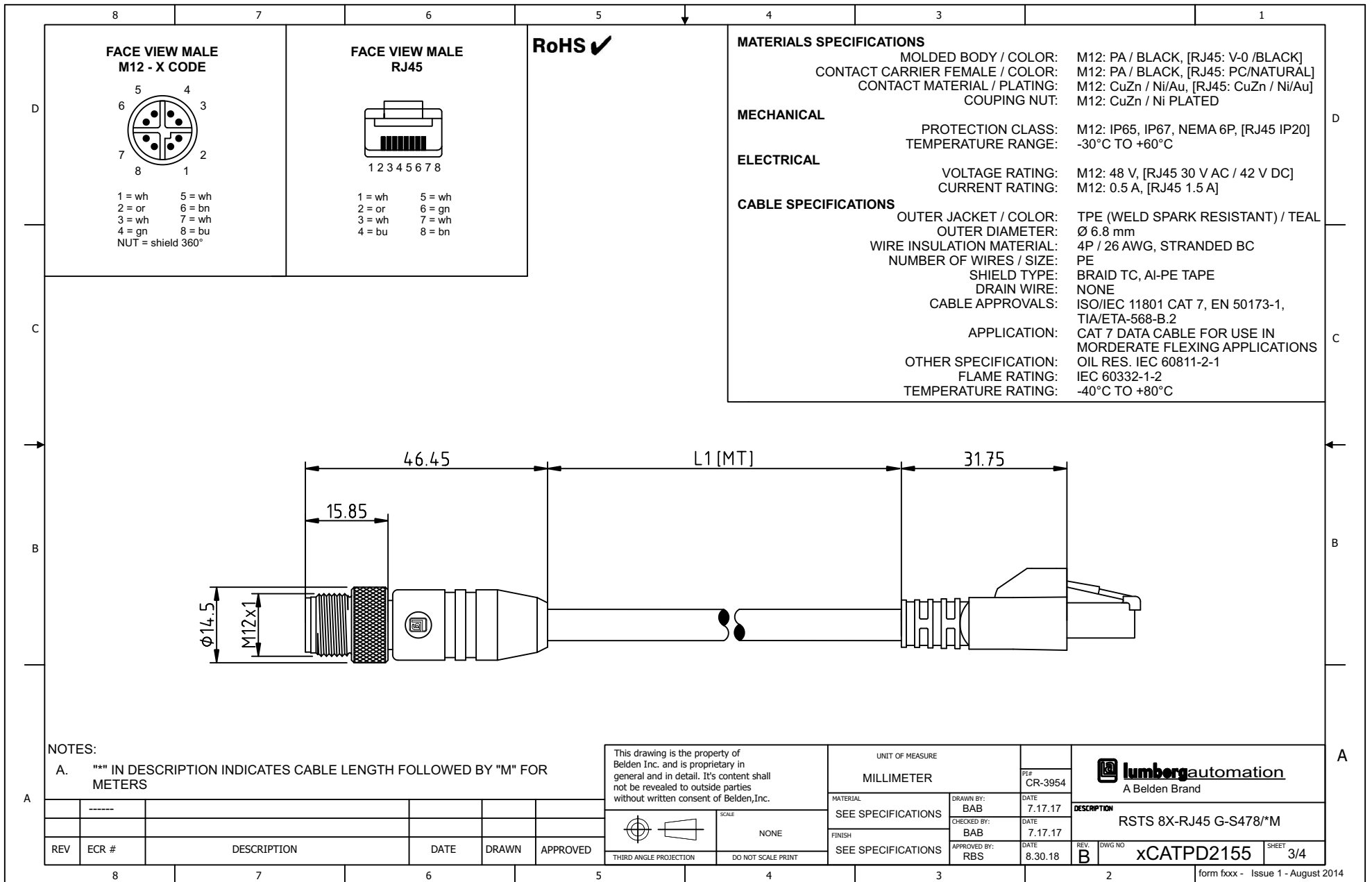
1/4



OUTER JACKET / COLOR:	TPE (WELD SPARK RESISTANT) / TEAL
OUTER DIAMETER:	Ø 6.8 mm
WIRE INSULATION MATERIAL:	4P / 26 AWG, STRANDED BC
NUMBER OF WIRES / SIZE:	PE
SHIELD TYPE:	BRAID TC, Al-PE TAPE
DRAIN WIRE:	NONE
CABLE APPROVALS:	ISO/IEC 11801 CAT 7, EN 50173-1, TIA/ETA-568-B.2
APPLICATION:	CAT 7 DATA CABLE FOR USE IN MODERATE FLEXING APPLICATIONS
OTHER SPECIFICATION:	OIL RES. IEC 60811-2-1
FLAME RATING:	IEC 60332-1-2
TEMPERATURE RATING:	-40°C TO +80°C



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8	7	6	5	4	3	1
<b>FACE VIEW MALE RJ45</b>  1 2 3 4 5 6 7 8 1 = wh 5 = wh 2 = or 6 = gn 3 = wh 7 = wh 4 = bu 8 = bn		<b>FACE VIEW MALE RJ45</b>  1 2 3 4 5 6 7 8 1 = wh 5 = wh 2 = or 6 = gn 3 = wh 7 = wh 4 = bu 8 = bn		<b>RoHS</b> ✓	<b>MATERIALS SPECIFICATIONS</b> MOLDED BODY / COLOR: RJ45: V-0 /BLACK CONTACT CARRIER FEMALE / COLOR: RJ45: PC/NATURAL CONTACT MATERIAL / PLATING: RJ45: CuZn / Ni/Au  <b>MECHANICAL</b> PROTECTION CLASS: RJ45 IP20 TEMPERATURE RANGE: -30°C TO +60°C  <b>ELECTRICAL</b> VOLTAGE RATING: RJ45 30 V AC / 42 V DC CURRENT RATING: RJ45 1.5 A  <b>CABLE SPECIFICATIONS</b> OUTER JACKET / COLOR: TPE (WELD SPARK RESISTANT) / TEAL OUTER DIAMETER: Ø 6.8 mm WIRE INSULATION MATERIAL: 4P / 26 AWG, STRANDED BC NUMBER OF WIRES / SIZE: PE SHIELD TYPE: BRAID TC, AI-PE TAPE DRAIN WIRE: NONE CABLE APPROVALS: ISO/IEC 11801 CAT 7, EN 50173-1, TIA/EIA-568-B.2 APPLICATION: CAT 7 DATA CABLE FOR USE IN MORDERATE FLEXING APPLICATIONS OTHER SPECIFICATION: OIL RES. IEC 60811-2-1 FLAME RATING: IEC 60332-1-2 TEMPERATURE RATING: -40°C TO +80°C	
<b>NOTES:</b> A. *** IN DESCRIPTION INDICATES CABLE LENGTH FOLLOWED BY "M" FOR METERS						
This drawing is the property of Belden Inc. and is proprietary in general and in detail. It's content shall not be revealed to outside parties without written consent of Belden, Inc.			UNIT OF MEASURE MILLIMETER		PI# CR-3954	
SCALE NONE			MATERIAL SEE SPECIFICATIONS		DRAWN BY: BAB	
THIRD ANGLE PROJECTION			FINISH SEE SPECIFICATIONS		CHECKED BY: BAB	
DO NOT SCALE PRINT			APPROVED BY: RBS		DATE 7.17.17	
DATE 8.30.18			REV. B		DWG NO xCATPD2155	
SHEET 4/4			form foxx - Issue 1 - August 2014			