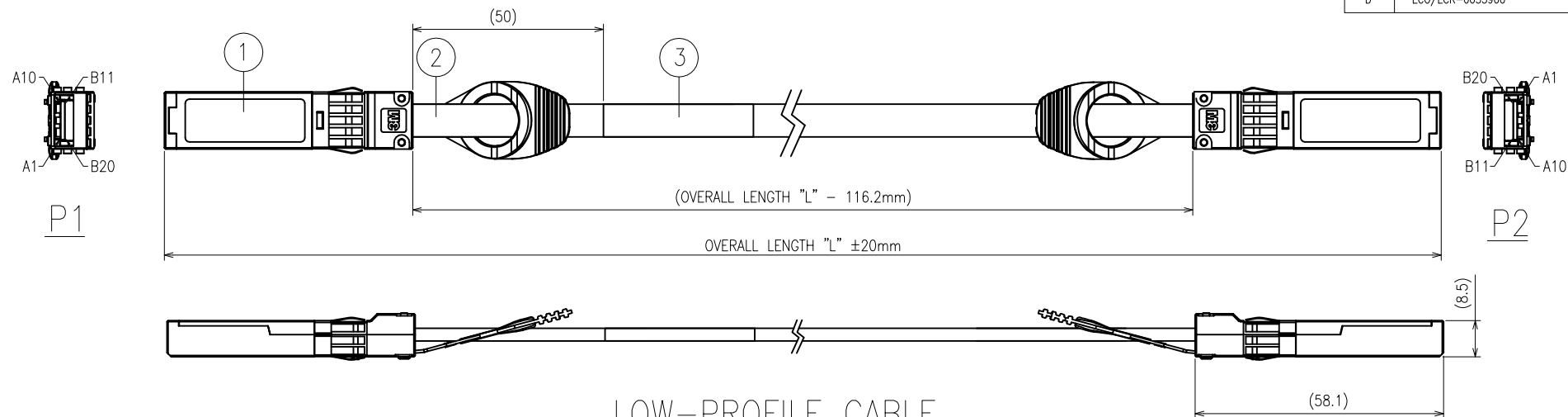


3M™ Cable Assemblies for SFP+ Applications
www.3Mtwinx.com

REVISION RECORD		
REV.	ECR/ECN/ECO NUMBER	DATE
C	ECO/ECR-0041538	28/06/12
D	ECO/ECR-0053900	18/03/14



NOTES:

1. ORDERING INFORMATION:

14XX-P XX-00-X.XX
10-UNIVERSAL PULLTAB (BOTTOM)
11-UNIVERSAL PULLTAB (TOP)
LENGTH OPTIONS "L" (in meters)
30 AWG up to 5 meters

PASSIVE UNEQUALIZED

CODE	CABLE CONFIGURATION
11	30AWG LOW-PROFILE HALOGEN FREE JACKET
17	30AWG LOW-PROFILE PVC JACKET

2. MATERIALS:

- ① - SFP+ SHELL KIT, 2 PCS
- ② - HEAT SHRINKABLE TUBE BLACK (OPTIONAL), 2 PCS
- ③ - LILONG LABEL=CLEAR/WHITE BACKGROUND WITH BLACK TEXT, TEXT H=2.00MM, ARIAL, L*W=40*30MM, "YYWW" IS DATE CODE, e.g YEAR=2007, WEEK=26, YYWW=0726

3. JACKET TYPES: HALOGEN FREE / PVC, COLOR: BLACK

4. CABLE FLAMMABILITY RATING: UL VW-1

5. THIS CABLE ASSEMBLY IS RoHS COMPLIANT

6. BULK CABLE MEETS UL TEMP. RANGE -20°C TO +80°C

7. BULK CABLE IMPEDANCE: 100±5 OHMS (DIFFERENTIAL)

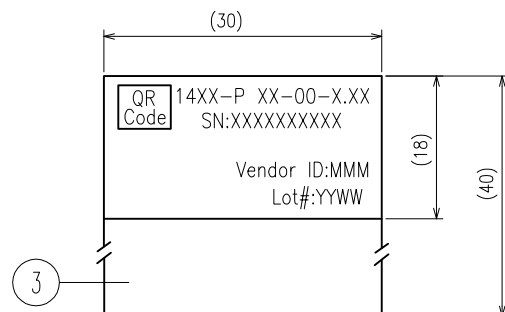
8. DESIGN TO SFP+ STANDARD SFF-8431

9. UNLESS OTHERWISE NOTED, REFERENCES TO INDUSTRY SPECIFICATIONS ARE INTENDED TO INDICATE SUBSTANTIAL COMPLIANCE TO THE MATERIAL ELEMENTS OF THE SPECIFICATION. SUCH REFERENCES SHOULD NOT BE CONSTRUED AS A GUARANTEE OF COMPLIANCE TO ALL REQUIREMENTS IN A GIVEN SPECIFICATION.

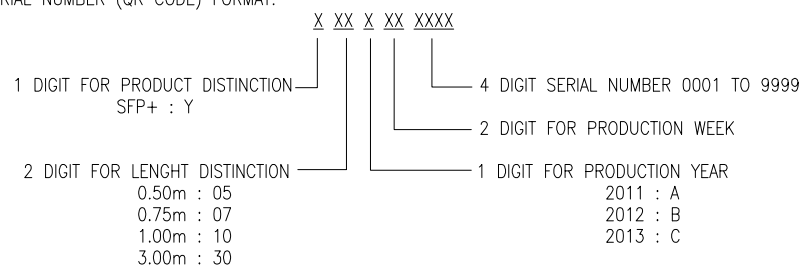
UNIT: MM	DFTG	QIAO YUN LONG	DATE 18/03/14	3M APAC INNOVATION CENTRE	DIVISION	ESD	STATUS RELEASED
GEN. TOLERANCES	CHKD	QIAO YUN LONG	DATE 18/03/14		MODEL	_____	
LINEAR .0 = ±0.30 .00 = ±0.15 .000 = ±0.05	APPVL	SAUJIT BANDHU	DATE 18/03/14	TITLE 3M PASSIVE TWIN AXIAL CABLE ASSEMBLY FOR SFP+ APPLICATIONS WITH UNIVERSAL PULL TAB			
ANGLE ±1°	THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY TO 3M COMPANY. NO REPRODUCTION OR PUBLICATION OF THIS DOCUMENT, IN WHOLE OR IN PART, SHALL BE MADE WITHOUT AUTHORIZATION FROM 3M. ©3M 2014. ALL RIGHTS RESERVED.			SIZE A3	DRAWING NO. 78-5100-2418-1		REV D
PROJECTION 	INTERPRET PER ASME Y14.5M-1994						
	CRITICAL DIMENSION: ▲			SCALE : 1:1		DET LIST ☐ YES ☐ NO	SHT 1 of 2
			6		7		8

REVISION RECORD		
REV.	ECR/ECN/ECO NUMBER	DATE
REFER TO SHT 1		

LABEL DETAIL



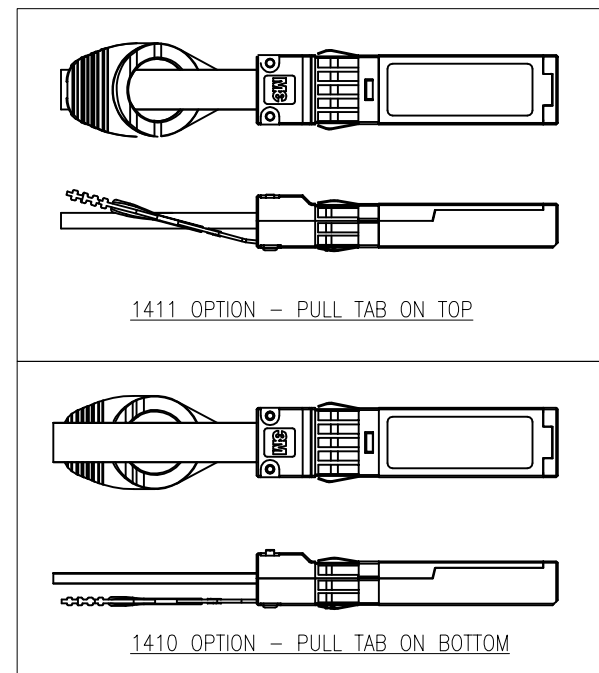
SERIAL NUMBER (QR CODE) FORMAT:



P1/P2	
PIN NO.	SYMBOL
1	VeeT
2	Tx_Fault
3	Tx_Disable
4	SDA
5	SCL
6	Mod_ABS
7	RS0
8	Rx_LOS
9	RS1
10	VeeR

ASSEMBLY PINOUT

P1		P2	
B11	GND	B20	GND
B12	Rx-	B19	Tx-
B13	Rx+	B18	Tx+
B14	GND	B17	GND
B15	-	B16	-
B16	-	B15	-
B17	GND	B14	GND
B18	Tx+	B13	Rx+
B19	Tx-	B12	Rx-
B20	GND	B11	GND



UNIT: MM	DFTG	QIAO YUN LONG	DATE 18/03/14		DIVISION		ESD	STATUS
GEN. TOLERANCES	CHKD	QIAO YUN LONG	DATE 18/03/14		MODEL		_____	RELEASED
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PROJECTION 	INTERPRET PER ASME Y14.5M-1994			SCALE : NTS		DET LIST	☐ YES ☐ NO	SHT 2 of 2
	CRITICAL DIMENSION: ▲			6		7		8