

D

D

META SERIAL NO. IN
TEXT & BARCODE

EXAMPLE LABEL

A

AAXXYYZZZMMBCD

MY3620UGHV090FML

CODE	DESCRIPTION	TAG
A	META'S SERIAL NO. & BARCODE	-FB_S-

NOTES:

C

C

1. RAW MATERIALS & TEMPLATES TO PRINT LABEL USING ORACLE:

RAW MATERIAL	ORACLE TEMPLATE
Y4673525	207-0497
THT-120-427-5	207-0497-1
Y5023602	207-0497-2
THT-82-427-0.5	207-0497-3
Y5086362	207-0497-4
THT-27-427-1	207-0497-5
CS019566	207-0497-6

12

B

B

2. RAW MATERIAL ITEM NUMBER TO PRINT LABEL IN WRAPTOR: Y4942785

3. TEXT


3.1. ARIAL FONT, SIZE 7.

3.2. TEXT ORIENTATION MAY VARY ON THE LABEL. ONCE IT IS ADHERED TO THE CABLE, TEXT SHALL READ FROM LEFT TO RIGHT WHEN LOOKING AT THE CABLE FROM SIDE "A" TO SIDE "B".

4. USE BARCODE TYPE CODE 128, MAXIMUM 5mm HEIGHT BARCODE WIDTH ADJUSTED TO FIT AND REMAIN READABLE. BARCODE DENSITY SHALL BE 0.007 OR EQUIVALENT.

A

A

12	24ECO73995	ADDED LABEL CS019566, CREATED NEW TEMPLATE, AND ADDED CODE "W" FOR MMC CONNECTOR.	RR 06/26/2024	RR 06/23/2024	RR 06/23/2024
11	23ECO68535	REMOVED NOTE 3.2, DO NOT REQUIRE TO UNDERLINE DIGITS "6" & "9"	AJ 11/02/2023	AJ 10/24/2023	AH 10/24/2023
10	23ECO66591	ADDED RAW MATERIAL OPTIONS Y5086362 & THT-27-427-1 WITH THEIR CORRESPONDING TEMPLATES.	RR 08/09/2023	RR 07/24/2023	RR 07/24/2023
REV	ECO NO.	ECO DESCRIPTION	APPROVED	CHECKED	DRAWN
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					SIZE: A
		DWG. NO.	207-0497		ITEM NO. / FAMILY PART #
		UNITS:	mm, g	WEIGHT:	SEE ORACLE
				STATE:	APPROVED
					THIRD ANGLE PROJECTION
					SHEET 1 OF 6

Serial Number Instruction

Main Serial Number:

A.- Formatting is AAXXYYZZZZMMMB CD

B.- AA Vendor Code - Identifies the manufacturer of the cable

VENDOR	VENDOR CODE
AFL Hyperscale	AF
AFL Monterrey	MY
Fujikura	FJ
Fujikura of Vietnam	FV

C.- XX Manufacturing Year - Last 2 digit of the calendar year of manufacturing
YY Manufacturing Week - Week of manufacturing inside the calendar year

D.- ZZZZ Sequence Number - A batch run within the manufacturing year and week. Encoded from Decimal/Base-10 to Base-32
Decimal/Base-10 to Base-32 form must always be 6 digits with leading 0's where necessary
Base-32 form must always be 4 digits with leading 0's where necessary.
The sequence number (Base-10) starts at 000001 for the first cable manufactured in year XX and week YY and run up until an upper limit of 999999. Encode this number to Base-32 and that gives ZZZZ.
The sequence number resets to 000001 every week on Mondays.
Below are some examples of sequence numbers changing from Base-10 to Base-32
Example:

Base-10 Sequence Number	Base-32 Sequence Number
000001	0001
000011	000B
021312	0KQ0
412512	CIR0
541253	GGI5
999999	UGHV


E.- MMM Overall Cable Length - Cable length rounded to the nearest meter. Defined from connector end to connector end. If staggered ends use the longest end on each side.

Note:

*When UOM of a final assembly is "ea" (each), the length will be taken from the part number or cable length in meters field in the catalog.

*When UOM of a final assembly is "m" (meters), the length will be taken from the sales order or the scheduled quantity in the shop pack.

*Only when raw material is THT-82-427-0.5, fits 4-digit lengths.

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BCD Cable Type - Indicates the base type of cable and the connector types at each end

B = Cable Type

Cable: S = Single, B = Bundle, F = Furcated, G = Group, P = Pigtail, O = Other

Cable Type	Description
S (Single)	A cable with the same connection type at each end
B (Bundle)	A bundle of single cables, where a sleeve has been wrapped around all of the clad single cables
F (Furcated)	A cable with a single connector at one end, an encapsulated furcation point where strands split to individual legs, and legs with connectors that are different from the single connector end
G (Group)	A cable with more than one connector at each end. This cable has two encapsulated furcation points where the strands are split out, one at each end of the cable
P (Pigtail)	A cable with connectors on one end, and raw fiber on the other end. There are no furcation points
O (Other)	An unknown type of cable to provide flexibility in manufacturing

C = Connector Type Side A

Connector: L = LC, M = MPO, R = Raw, S = SC, O = Other, W = MMC

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D = Connector Type side B

Connector: L = LC, M = MPO, R = Raw, S = SC, O = Other, W = MMC


Connector Type	Description
L (LC)	A LC connector. Does not distinguish between simplex and duplex
M (MPO)	A MPO connector. Does not distinguish strand count
R (RAW)	Raw fibre for fusion splicing
S (SC)	A SC connector
O (OTHER)	A previously un-specified connector type that will need agreement for allocation of a letter
W (MMC)	A MMC connector. Does not distinguish strand count

Example:

Using single cable with LC connectors both ends

AF19234318020SLL

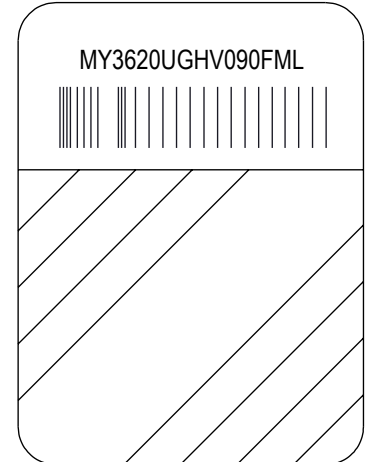
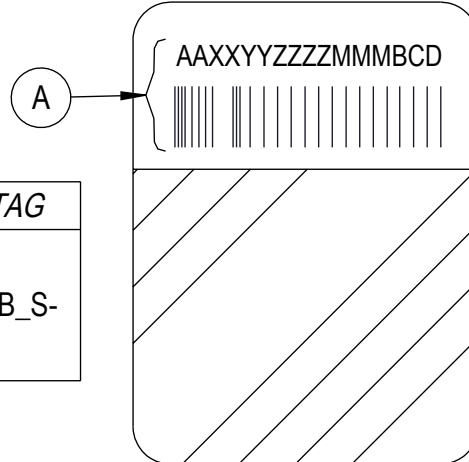
- AF Manufactured by vendor AF
- 19 Manufactured in year 2019
- 23 Manufactured in week 23 of 2019
- 4318 Base-32 encoded representation of sequence nummber 134728
- 020 20 meter long overall length
- SLL Single cable with LC connectors on both ends

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		<p>TOLERANCES TO BE SET IN DRW*</p> <p>ALL DIMENSIONS WITHOUT TOLERANCES SHALL BE TAKEN AS REFERENCE</p>			<p>SIZE:</p> <p>A</p>
		DWG. NO.	207-0497		ITEM NO. / FAMILY PART #
		UNITS:	mm, g	WEIGHT:	SEE ORACLE
				STATE:	APPROVED
					<p>SCALE 5:1</p> <p>THIRD ANGLE PROJECTION</p> <p>SHEET 3 OF 6</p>

NUMERO DE SERIE DE META EN TEXTO Y CODIGO DE BARRAS

EJEMPLO DE ETIQUETA

CODIGO	DESCRIPCION	TAG
A	NUMERO DE SERIE DE META & CODIGO DE BARRAS	-FB_S-



NOTAS:

1. NUMERO DE PARTE DE MATERIA PRIMA & TEMPLATES PARA IMPRIMIR ETIQUETA POR ORACLE:

MATERIA PRIMA	TEMPLATE EN ORACLE
Y4673525	207-0497
THT-120-427-5	207-0497-1
Y5023602	207-0497-2
THT-82-427-0.5	207-0497-3
Y5086362	207-0497-4
THT-27-427-1	207-0497-5
CS019566	207-0497-6

12



2. NUMERO DE PARTE DE MATERIAL PARA IMPRESION EN WRAPTOR: Y4942785.

3. TEXTO

3.1. FUENTE ARIAL, TAMAÑO 7.

3.2. LA ORIENTACION DEL TEXTO EN LA ETIQUETA PUEDE VARIAR. UNA VEZ QUE SE ADHIERA AL CABLE, EL TEXTO DEBE SER LEGIBLE DE IZQUIERDA A DERECHA CUANDO SE MIRA DE LADO "A" A LADO "B".

4. USO DE BARRAS TIPO CODE 128, MAXIMO 5mm EN ALTURA DE BARRAS, ANCHO JUSTO PARA ADAPTARSE Y PERMANECER LEGIBLE. LA DENSIDAD DEL CODIGO DE BARRAS DEBE SER DE 0.007 O EQUIVALENTE.

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		ALL DIMENSIONS WITHOUT TOLERANCES SHALL BE TAKEN AS REFERENCE			SIZE: A SCALE 5:1 THIRD ANGLE PROJECTION 
		DWG. NO.	207-0497		ITEM NO. / FAMILY PART #
		UNITS:	mm, g	WEIGHT:	SEE ORACLE
				STATE:	APPROVED
				SHEET 4 OF 6	

Instrucción para el numero de serie

Numero de Serie Principal:

- A.- El formato es AAXXYYZZZZMMMBBCD
- B.- AA Código de vendedor - Identificar al fabricante del cable

VENDEDOR	CODIGO DE VENDEDOR
AFL Hyperscale	AF
AFL Monterrey	MY
Fujikura	FJ
Fujikura of Vietnam	FV


- C.- XX Año de manufactura - Ultimos dos digitos del año de fabricación
YY Semana de manufactura - número de la semana de fabricación en el año
- D.- ZZZZ Número de fabricación - La fabricación por lotes dentro del año y la semana. Decodificado desde Decimal/Base-10 a Base-32
Decimal/Base-10 to Base-32 siempre debe ser 6 digitos complementando con 0's cuando sea necesario
Base-32 siempre debe de ser 4 digitos complementando con 0's cuando sea necesario
El número de secuencia comienza con 000001 por el primer año de manufactura del cable XX y la semana YY hasta correr un limite superior a 999999. Decodifica este numero a Base-32 y te dará ZZZZ
El número de secuencia se restablece a 000001 cada semana los Lunes
Abajo estan algunos ejemplos de número de secuencia que fueron cabiados de base-10 a base-32
Ejemplo:

Número de secuencia Base-10	Número de secuencia Base-32
000001	0001
000011	000B
021312	0KQ0
412512	CIR0
541253	GGI5
999999	UGHV

- E.- MMM Longitud total del cable - La longitud total del cable se redondea a la cantidad mas cercana. Definido desde un extremo a otro extremo en los conectores. Si algun extremo es escalonado se utilizan los extremos mas largos de cada lado.

Nota:

- *Cuando la UOM de un ensamble final es "ea" (each), la longitud se tomará del part number o del campo de longitud del cable en metros del catálogo.
- *Cuando la UOM de un ensamble final es "m" (meters), la longitud se tomará de la orden de compra o de la cantidad programada en el shop pack.
- *Solo cuando la materia prima sea THT-82-427-0.5, caben longitudes de hasta 4 digitos.

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		<p>TOLERANCES TO BE SET IN DRW*</p> <p>ALL DIMENSIONS WITHOUT TOLERANCES SHALL BE TAKEN AS REFERENCE</p>			<p>SIZE: A</p> <p>SCALE 5:1</p> <p>THIRD ANGLE PROJECTION</p> <p>SHEET 5 OF 6</p>
		DWG. NO.	ITEM NO. / FAMILY PART #		
		207-0497	SEE ORACLE		
		UNITS: mm, g	WEIGHT:	STATE: APPROVED	

BCD Tipo de cable - Indica el tipo de base del cable y el tipo de conector en cada punta.

B = Tipo de cable

Cable: S = Single, B = Bundle, F = Furcated, G = Group, P = Pigtail, O = Other

Cable Type	Description
S (Single)	Un cable con el mismo tipo de conector en cada lado
B (Bundle)	Un paquete de cables simples, donde una manga ha sido enrollada alrededor de todos los cables
F (Furcated)	Un cable con un conector simple de un lado, un punto de transición encapsulada donde las fibras individuales se cortaron, y las fibras con conectores son diferentes del lado del conector simple
G (Group)	Un cable con mas de un conector de cada lado. Este cable tiene dos puntos de transición encapsulada donde las fibras son cortadas, una de cada lado del cable
P (Pigtail)	Un cable con conectores en cada lado y fibra natural en el otro. No existen puntos de transición
O (Other)	Un tipo desconocido de cable para proporcionar flexibilidad en manufatura

C = Tipo de conector, Lado A

Conector: L = LC, M = MPO, R = Raw, S = SC, O = Other, W = MMC

D = Tipo de conector, Lado B

Conector: L = LC, M = MPO, R = Raw, S = SC, O = Other, W = MMC

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Tipo de conector	Descripción
L (LC)	Un conector LC. No distingue entre simplex o duplex
M (MPO)	Un conector MPO. No distigue el recuento de fibras
R (RAW)	Fibra natural para el empalme con otros componentes
S (SC)	Un conector SC
O (OTHER)	Un tipo de conector que previamnete no fue indentificado y se necesitará un acuerdo para la asignación de su clasificación
W (MMC)	Un conector MMC. No distigue el recuento de fibras



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Example:

Usando un cable simple con conectores LC en ambos lados:

AF19234318020SLL

- AF Fabricación por vendedor AF
- 19 Año de fabricación 2019
- 23 Semena de fabricación 23 del 2019
- 4318 Base-32 representación decodificada del número de secuencia 134728
- 020 20 metros de longitud total
- SLL Cable simple con conectores LC en ambos lados

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								SIZE: A	
								SCALE 5:1	
								THIRD ANGLE PROJECTION	
		DWG. NO. 207-0497		ITEM NO. / FAMILY PART # SEE ORACLE				<div></div> <p>SHEET 6 OF 6</p>	
		UNITS: mm, g		WEIGHT:		STATE: APPROVED			
ALL DIMENSIONS WITHOUT TOLERANCES SHALL BE TAKEN AS REFERENCE									