

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

,19 .

© COPYRIGHT 19

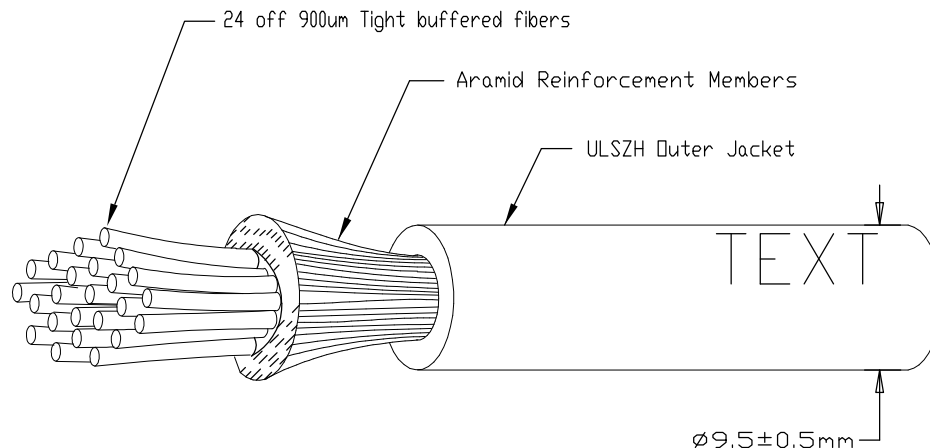
BY AMP INCORPORATED. ALL RIGHTS RESERVED.

LOC

DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL DRAWING	22OCT09	LST	AG
	A1	ECR-09-023931	04NOV09	LST	AG
	B	ECR-10-000708	04FEB10	LST	AG
	C	ECR-10-019077	17SEPT10	LST	AG



* Laser Grade Fiber in Table, Gigabit Ethernet
Maximum Link distance SX (850 nm)/ LX (1300 nm)

1. 24 off 250um Buffered Fibers. Colours** -

Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Turquoise,
Blue/band, Orange/band, Green/band, Brown/band, Grey/band, White/band,
Red/band, Black/White band, Yellow/band, Violet/band, Pink/band, Turquoise/band.

**Unless otherwise stated all banding shall be black

2. Outer Jacket Text in contrasting colour
Example (excluding Reel No & Meter Mark)

AMP NETCONNECT F.O.CABLE X-1716029-3 INT/EXT DISTRIBUTION ULSZH 24 X 50/125 OM3

3. Both singlemode and multimode fibers shall be LSZH tight buffered

4. Mechanical Properties of Cable (Tested according to IEC 60794-1)

Nominal weight 80.0 kg/km
Minimum Installation Bend Radius 200 mm
Minimum Service Bend Radius 150 mm
Maximum Installation Tension 1000 N
Maximum Operating Tension 500 N
Maximum Crush Resistance 2000 N/10 cm
Operating Temperature Range -10 to +70°C
Internal/External Grade

Low Smoke Zero Halogen Material to be compliant with
Water Absorption IEC 60811-1, <2mg/cm² 10days @ 70°C
Smoke Emission IEC 61034
Acid Gas Emission IEC 60754-1
Toxicity NES 60713
Fire Propagation IEC 60332-1 & 60332-3

5. To meet the requirements of TYCO ELECTRONICS environmental specification 230-702

Part number
prefix

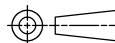
No:	Length
1-	1 Km
2-	2 Km

orange	3.5/1.0	400/1000 *	62.5/125 OM1+	X-1716029-9
orange	3.5/1.0	500/500	50/125 OM2	X-1716029-7
orange	3.5/1.0	750/2000 *	50/125 OM2+	X-1716029-6
orange	3.5/1.0	200/600	62.5/125 OM1	X-1716029-5
yellow	0.45/0.35	single mode	9/125 OS2	X-1716029-4
aqua	3.5/1.0	1500/500	50/125 OM3	X-1716029-3
aqua	3.5/1.0	3500/500	50/125 OM4	X-1716029-2
Jacket Colour	Max Cabled Fibre attn. loss db/km @ 850/1300nm for Multi mode and @ 1310/1550nm for Single mode	Bandwidth @ 850/1300nm	Fiber Type	Amp Part Number

THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED.
IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING
ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS:
mm

TOLERANCES UNLESS
OTHERWISE SPECIFIED:



0 PLC	±0.2
1 PLC	±0.1
2 PLC	±0.05
3 PLC	±0.025
4 PLC	±0.005
ANGLES	±0.5

MATERIAL

FINISH

DWN

L TEESDALE

CHK

D WALKER

APVD

A GIBBONS

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

22OCT09

NAME

SIZE

CAGE CODE

DRAWING NO

SCALE

SHEET

OF

REV

C

NTS

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1