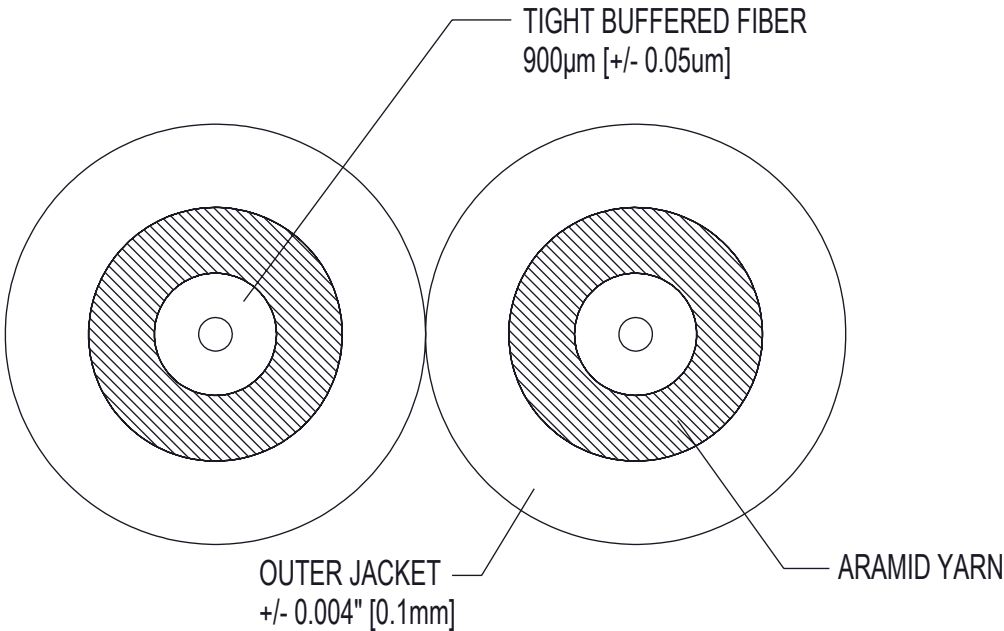
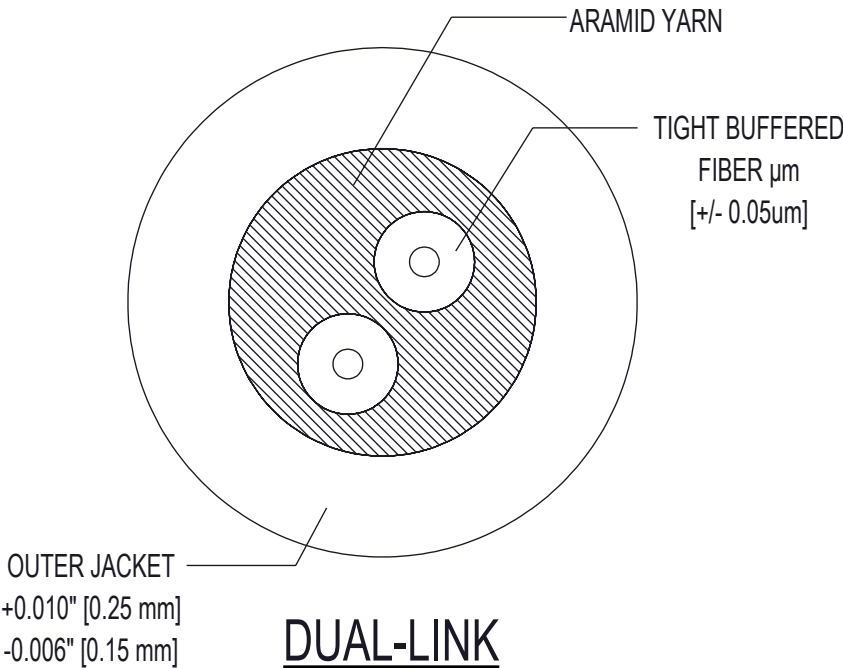


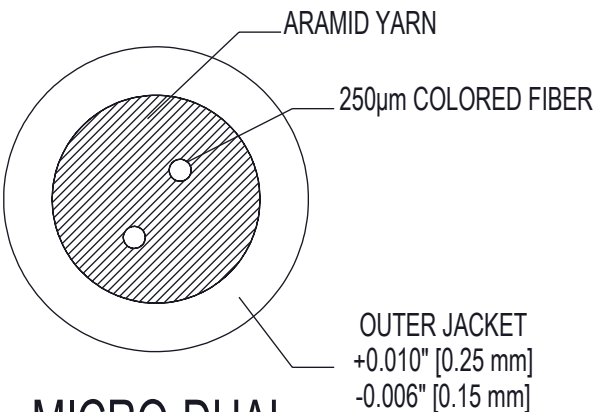
CABLE COMPONENTS SCHEMATICS



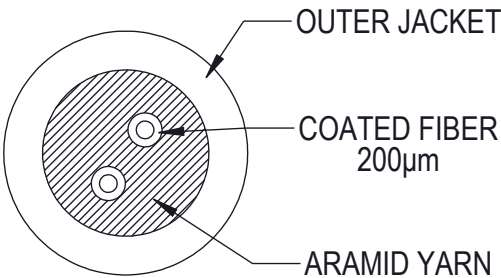
ZIPCORD



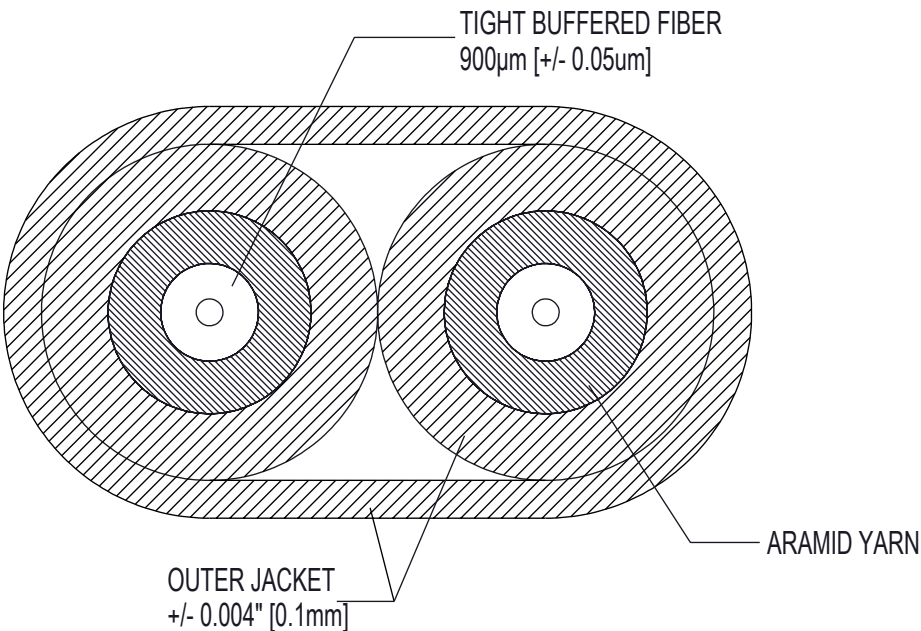
DUAL-LINK




MICRO-DUAL




MICRO-DUAL



RUGGEDIZED DUPLEX

10	24ECO74261	UPDATED LEGEND PRINT	CE 07/22/2024	CE 07/05/2024	IC 07/05/2024
9	24ECO73088	UPDATE MECHANICAL DATA TABLE, DR002*1619XV ADDED IN SHEET 3 SHEET 4 ADDED, RESUME CONFIGURATION USED BY META	CE 05/27/2024	SR 05/14/2024	SR 05/13/2024
8	24ECO70255	UPDATED INFORMATION IN THE NOTE "RD/BL" TO "RD/BK"	RR 01/23/2024	RR 01/18/2024	AR 01/17/2024
REV	ECO NO.	ECO DESCRIPTION	APPROVED	CHECKED	DRAWN
 COPYRIGHT © ALL RIGHTS RESERVED. CONFIDENTIAL <small>THIS DRAWING, DESIGN AND ALL INFORMATION CONTAINED THERON IS CONFIDENTIAL AND THE PROPERTY OF AFL AND MAY NOT BE COPIED, REPRODUCED OR DISCLOSED TO ANY THIRD PARTY WITHOUT THE EXPRESS WRITTEN PERMISSION OF AFL.</small>		DESCRIPTION: ZIPCORD CABLE & DUAL LINK, AFL PREMISE	DWG REV: 10		
		TOLERANCES TO BE SET IN DRW* ALL DIMENSIONS WITHOUT TOLERANCES SHALL BE TAKEN AS REFERENCE	SIZE: B		
		DWG. NO. 407-0099	ITEM NO. / FAMILY PART # SEE ORACLE LIST		
		UNITS: mm, g	STATE: APPROVED		
		THIRD ANGLE PROJECTION			SHEET 2 OF 4

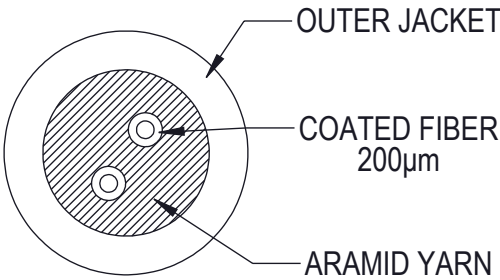
6		5		4		3		2		1					
D	SPECIFICATIONS											D			
	FIBER TYPE	ISO/ IEC	MAX ATTENUATION (db/km)			OVERFILL LAUNCH MIN. BANDWITH (Mhz-km)		EMB (MHZ*KM)	GIGABIT ETHERNET MIN. LINK DISTANCE (METERS)		10 GIGABIT ETHERNET MIN. LINK DISTANCE (METERS)				
			850nm	1300nm	1550nm	850nm	1300nm		850nm	1300nm	850nm		1300nm		
	(6) 62.5/125 GIGA-LINK 300	OM1	3.5	1.2	N/A	200	600	N/A	300	550	32		----		
	(8) 62.5/125 GIGA-LINK 1000	OM1	3.5	1.2	N/A	350	600	N/A	500	1,000	65		----		
	(5) 50 GIGA-LINK 600	OM2	3.5	1.5	N/A	500	500	N/A	600	600	82		----		
	(7) 50 GIGA-LINK 2000	OM2	3.5	1.2	N/A	500	800	N/A	750	2,000	110		----		
	(A) 50 LASER-LINK 150	OM2	3.0	1.2	N/A	700	500	950	800	550	150		----		
	(L) 50 LASER-LINK 300	OM3	3.0	1.2	N/A	1,500	500	2,000	1,000	550	300		----		
	(C) 50 LASER-LINK 550	OM4	3.0	1.2	N/A	3,500	550	4,700	1,040	550	550		----		
C	(K) SM FUTUREGUIDE SR-15e BEND INSENSITIVE (ITU G.657.A)	OS2	N/A	0.5	0.5	N/A	N/A	N/A	N/A	5,000	N/A	10,000	C		
	(9) SINGLE-MODE (ITU G.652.D/G.657.A1)	OS2	N/A	0.5	0.5	N/A	N/A	N/A	N/A	5,000	N/A	10,000			
	(I) 100/140 MULTIMODE		5.5	3.5	N/A	100	100	N/A	N/A	N/A	N/A	N/A			
	(W) AFL WIDEBAND MULTIMODE	OM5	3.0	1.2	N/A	3,500	500	4,700	1,040	550	550	----			
B	MECHANICAL DATA											B			
	CABLE TYPE	PART NUMBER			FIBER COUNT	NOMINAL DIAMETER INCHES (MM)	WIEGHT		TENSION		BENDING RADIUS		TEMPERATURE RANGE		
		RISER	PLENUM	LSZH			LBS/100FT (KG/KM)	LBS/100FT (KG/KM)	LBS (N)	INCHES (CM)	OPERATING/ INSTALLATION		STORAGE		
	ZIPCORD	ZA002*301001	ZP002*301001	ZE002*30100E	2	0.11 X 0.22 (2.9 X 6.0)	10 (15)	12 (18)	22 (100)	7 (30)	2.0 (5.0)		1.2 (3.0)	PLENUM 0°C TO +70°C RISER -20°C TO +70°C	-40°C TO +75°C
		ZR002*241001	ZP002*241001	ZE002*24100E	2	0.09 X 0.19 (2.4 X 4.8)	7 (10)	9 (14)	22 (100)	7 (30)	2.0 (5.0)		1.2 (3.0)		
		ZR002*201001	ZP002*201001	ZE002*20100E	2	0.08 X 0.16 (2.0 X 4.0)	5 (8)	7 (10)	22 (100)	7 (30)	2.0 (5.0)		1.2 (3.0)		
		ZR002*161001	ZP002*161001	----	2	0.06 X 0.12 (1.6 X 3.2)	4 (6)	7 (6)	22 (100)	7 (30)	2.0 (5.0)		1.2 (3.0)		
	DUAL-LINK	DA002*481001	DP002*481001	DE002*481001	2	0.19 (4.8)	13 (20)	17 (20)	22 (100)	7 (30)	3.1 (7.2)		2.0 (7.2)		
		DR002*281001	DP002*281001	DE002*281001	2	0.11 (2.8)	5 (7)	6 (9)	22 (100)	7 (30)	2.0 (5.0)		1.2 (3.0)		
		DR002*241001	DP002*241001	DE002*241001	2	0.094 (2.4)	3 (5)	5 (7)	22 (100)	7 (30)	2.0 (5.0)		1.2 (3.0)		
----		DP002*16190B	----	2	0.06 (1.6)	----	1.8 (2.7)	22 (100)	9 (40)	2.0 (5.0)	1.0 (2.5)				
RUGGEDIZED DUPLEX	RR002*301001	RR002*241001	----	2	0.185 X 0.30 (4.7 X 7.6)	34 (50)	-----	22 (100)	7 (30)	2.8 (7.1)	1.9 (4.7)				
MINI DUAL-LINK	----	DP002*201C0B-BIF	----	2	0.08 (2.0)	----	5 (7)	22 (100)	7 (30)	1.2 (3.0)	0.78 (2.0)				
MICRO-DUAL	DR002*20100B	DP002*20100B	DE002*20100B	2	0.08 (2.0)	3 (5)	5 (7)	22 (100)	7 (30)	1.2 (3.0)	0.78 (2.0)	0°C TO +70°C / 0°C TO +60°C	-40°C TO +70°C		
	DR002*20290B	DP002*20290B	DE002*20290B	2	0.08 (2.0)	3 (5)	2.6 (3.9)	22 (100)	9 (40)	2.0 (5.0)	1.0 (2.5)				
	DR002*1629XV	-----	-----	2	0.06 (1.6)	1.8 (2.7)	-----	22 (100)	9 (40)	2.0 (5.0)	1.0 (2.5)				
	DR002*1619XV	-----	-----	2	0.06 (1.6)	1.8 (2.7)	-----	22 (100)	9 (40)	1.6 (4.0)	0.8 (1.6)				
*= FIBER TYPE (SEE SHEET 1)															
A	MAXIMUM CABLE LENGTH-REEL SIZE											A			
	ITEM	FIBER BOX	REEL A	REEL B	REEL C										
	REEL/BOX HEIGHT (INCHES)	15.13	16	24	30										
	REEL/BOX OUTSIDE WIDTH (INCHES)	13.0	15	17	15.25										
	DRUM DIAMETER (INCHES)	8.0	8	12	12										
	REEL WEIGHT (lbs)	6.0	10	23	34										
	CAPACITY: METER (FEET)														
	ZIPCORD 1.6mm	----	4,500 (14,764)	----	----										
	ZIPCORD 2.0mm	----	2,850 (9,350)	5,000 (16,400)	----										
	ZIPCORD 2.4mm	----	2,000 (6,562)	5,000 (16,400)	----										
ZIPCORD 3.0mm	914 (3,000)	1,250 (4,100)	4,000 (13,123)	5,000 (16,400)											
DUAL-Link 2.4mm	----	4,000 (13,123)	5,000 (16,400)	----											
DUAL-Link 2.8mm	----	2,500 (8,200)	5,000 (16,400)	----											
DUAL-Link 4.8mm	305 (1,000)	900 (2,953)	3,200 (10,500)	4,500 (14,764)											
RUGGEDIZED DUPLEX	----	-----	1,500 (4,921)	2,500 (8,200)											
6		5		4		3		2		1					
6		5		4		3		2		1					

10	24ECO74261	UPDATED LEGEND PRINT	CE 07/22/2024	CE 07/05/2024	IC 07/05/2024
9	24ECO73088	UPDATE MECHANICAL DATA TABLE, DR002*1619XV ADDED IN SHEET 3 SHEET 4 ADDED, RESUME CONFIGURATION USED BY META	CE 05/27/2024	SR 05/14/2024	SR 05/13/2024
8	24ECO70255	UPDATED INFORMATION IN THE NOTE "RD/BL" TO "RD/BK"	RR 01/23/2024	RR 01/18/2024	AR 01/17/2024
REV	ECO NO.	ECO DESCRIPTION	APPROVED	CHECKED	DRAWN
		DESCRIPTION: ZIPCORD CABLE & DUAL LINK, AFL PREMISE			DWG REV: 10
TOLERANCES TO BE SET IN DRW*		ALL DIMENSIONS WITHOUT TOLERANCES SHALL BE TAKEN AS REFERENCE			SIZE: B
CONFIDENTIAL <small>THIS DRAWING, DESIGN AND ALL INFORMATION CONTAINED THEREON IS CONFIDENTIAL AND THE PROPERTY OF AFL AND MAY NOT BE COPIED, REPRODUCED OR DISCLOSED TO ANY THIRD PARTY WITHOUT THE EXPRESS WRITTEN PERMISSION OF AFL.</small>		DWG. NO. 407-0099			SCALE 1:1
		ITEM NO. / FAMILY PART # SEE ORACLE LIST			THIRD ANGLE PROJECTION
		UNITS: mm, g			SHEET 3 OF 4
		WEIGHT:			
		STATE: APPROVED			

META DUAL LINK

SPECIFICATIONS

FIBER TYPE	ISO/ IEC	MAX ATTENUATION (db/km)			OVERFILL LAUNCH MIN. BANDWITH (Mhz-km)		EMB (MHZ*KM)	GIGABIT ETHERNET MIN. LINK DISTANCE (METERS)		10 GIGABIT ETHERNET MIN. LINK DISTANCE (METERS)	
		850nm	1300nm	1550nm	850nm	1300nm		850nm	1300nm	850nm	1300nm
(K) SM FUTUREGUIDE SR-15e BEND INSENSITIVE (ITU G.657.A)	OS2	N/A	0.4	0.3	N/A	N/A	N/A	N/A	5,000	N/A	10,000



MICRO-DUAL

MECHANICAL DATA

CABLE TYPE	PART NUMBER	FIBER COUNT	NOMINAL DIAMETER	WIEGHT	TENSION		BENDING RADIUS		TEMPERATURE RANGE	
	RISER		INCHES (MM)	RISER	LBS (N)		INCHES (CM)			
				LBS/100FT (KG/KM)	INSTALL- ATION	LONG TERM	INSTALL- ATION	LONG TERM	OPERATING/ INSTALLATION	STORAGE
(K) SM FUTUREGUIDE SR-15e BEND INSENSITIVE (ITU G.657.A)	DR002K1619XV	2	0.06 (1.6)	1.8 (2.7)	22 (100)	9 (40)	2.0 (5.0)	1.0 (2.5)	0 C TO +70 C / -10 C TO +60 C	-40 C TO +70 C
	DR002K1629XV	2	0.06 (1.6)	1.8 (2.7)	22 (100)	9 (40)	1.6 (4.0)	0.8 (2.0)	0 C TO +70 C / -10 C TO +60 C	

PRINT / LEGEND

PART NUMBER	PRINT	LEGEND
DR002K1619XV	AFL STD	<div>10</div> AFL OPTICAL CABLE 1-800-AFL-FIBER, SR-15E SM 2 FIBER, DR002K1619XV-XX/XX 5012316 (ETL) TYPE OFNR FT4 C(ETL) RoHS, Lot ##### MM/YY 000000 METERS
DR002K1629XV	NON-STD	AFL OPTICAL CABLE 1-800-AFL-FIBER, SR-15E SM 2 FIBER, 5012316 (ETL) TYPE OFNR RoHS, Lot ##### MM/YY 000000 METERS

SINGLE FIBER COLOR

XX/XX	Description
BLANK	NOT APPLICABLE
BL/OR	BLUE / ORANGE
GR/BR	GREEN / BROWN
SL/WH	SLATE / WHITE
RD/BK	RED / BLACK

10	24ECO74261	UPDATED LEGEND PRINT	CE 07/22/2024	CE 07/05/2024	IC 07/05/2024
9	24ECO73088	UPDATE MECHANICAL DATA TABLE, DR002*1619XV ADDED IN SHEET 3 SHEET 4 ADDED, RESUME CONFIGURATION USED BY META	CE 05/27/2024	SR 05/14/2024	SR 05/13/2024
8	24ECO70255	UPDATED INFORMATION IN THE NOTE "RD/BL" TO "RD/BK"	RR 01/23/2024	RR 01/18/2024	AR 01/17/2024
REV	ECO NO.	ECO DESCRIPTION	APPROVED	CHECKED	DRAWN
<div><div><div>AFL</div><div>COPYRIGHT © ALL RIGHTS RESERVED.</div></div><div>CONFIDENTIAL THIS DRAWING, DESIGN AND ALL INFORMATION CONTAINED THERON IS CONFIDENTIAL AND THE PROPERTY OF AFL AND MAY NOT BE COPIED, REPRODUCED OR DISCLOSED TO ANY THIRD PARTY WITHOUT THE EXPRESS WRITTEN PERMISSION OF AFL</div></div>		TOLERANCES TO BE SET IN DRW*	DESCRIPTION: ZIPCORD CABLE & DUAL LINK, AFL PREMISE		DWG REV: 10
		ALL DIMENSIONS WITHOUT TOLERANCES SHALL BE TAKEN AS REFERENCE			SIZE: B
		DWG. NO. 407-0099	ITEM NO. / FAMILY PART # SEE ORACLE LIST		SCALE 1:1
		UNITS: mm, g	WEIGHT:	STATE: APPROVED	THIRD ANGLE PROJECTION SHEET 4 OF 4