

250 μ m Fan-out (Furcation) Tubing

AFL Furcation tubing offerings reflect the high performance and quality standards present throughout AFL's complete cordage line. The inner tube allows for smooth and easy fiber insertion while maintaining the integrity required for robust connectorization.

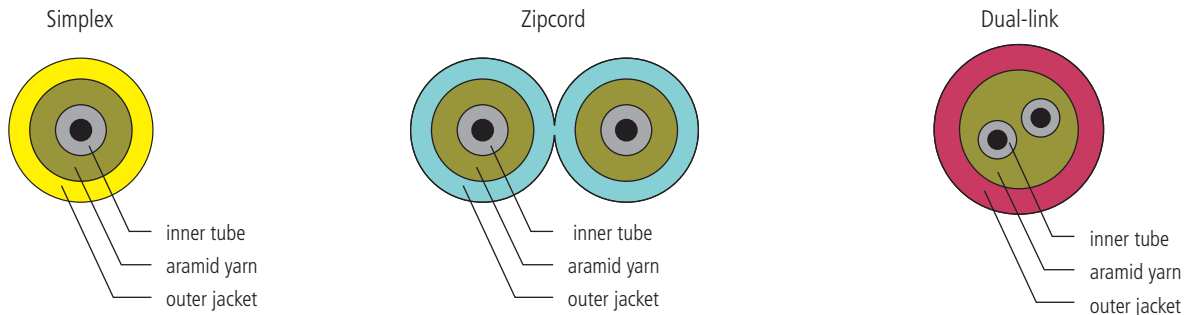
Features

- Standard diameters
- Product is un-printed by default; Custom Print Legend available
- Smooth fiber insertion
- Low Shrinkage for superior resistance to aging and high temperatures
- Ferrule adherence tested using industry standard adhesives
- Compliant to Directive 2002/95/EC (RoHS)
- LSZH meets the requirements of IEC 61034-1, 61034-2, 60332-1-1, 60332-1-2, 60754-1, 60754-2

Applications

- Ribbon and Trunk cable fan-out to single fiber connections

Tubing Components



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Mechanical Data

AFL NO.		TUBE COUNT	NOMINAL DIAMETER INCHES (MM)	WEIGHT LBS/1,000 FT (KG/KM)	TENSION—LBS (N)		BENDING RADIUS—INCHES (CM)	
PVC	LSZH				INSTALLATION	LONG TERM	INSTALLATION	LONG TERM
SIMPLEX								
SF000@30U#*0	SE000@30U#H0	1	0.11 (2.9)	5 (7)	22 (100)	7 (30)	2.0 (5.0)	1.25 (3.2)
SF000@24U#*0	SE000@24U#H0	1	0.09 (2.4)	3 (5)	22 (100)	7 (30)	2.0 (5.0)	1.25 (3.2)
SF000@20U#*0	SE000@20U#H0	1	0.08 (2.0)	3 (4)	22 (100)	7 (30)	2.0 (5.0)	1.25 (3.2)
SF000@16U#*0	—	1	0.06 (1.6)	2 (2)	22 (100)	7 (30)	2.0 (5.0)	1.25 (3.2)
ZIPCORD								
ZF000@30U#*0	ZE000@30U#H0	2	0.11 x 0.22 (2.9 x 6.0)	10 (15)	22 (100)	7 (30)	2.0 (5.0)	1.25 (3.2)
ZF000@24U#*0	ZE000@24U#H0	2	0.09 x 0.19 (2.4 x 4.8)	7 (10)	22 (100)	7 (30)	2.0 (5.0)	1.25 (3.2)
ZF000@20U#*0	ZE000@20U#H0	2	0.08 x 0.16 (2.0 x 4.0)	5 (8)	22 (100)	7 (30)	2.0 (5.0)	1.25 (3.2)
ZF000@16U#*0	—	2	0.06 x 0.12 (1.6 x 3.2)	4 (6)	22 (100)	7 (30)	2.0 (5.0)	1.25 (3.2)
DUAL-LINK								
DF000@48U#*0	DE000@48U#H0	2	0.19 (4.8)	13 (20)	22 (100)	7 (30)	2.0 (5.0)	1.25 (3.2)
DF000@28U#*0	DE000@28U#H0	2	0.11 (2.8)	5 (7)	22 (100)	7 (30)	2.0 (5.0)	1.25 (3.2)
DF000@24U#*0	DE000@24U#H0	2	0.094 (2.4)	3 (5)	22 (100)	7 (30)	2.0 (5.0)	1.25 (3.2)
MICROCORE FURCATION								
PF000@22U#00	—	1	0.12 (3.1)	8 (5.4)	22 (100)	7 (30)	2.0 (5.0)	1.25 (3.2)

(*) Tubing Diameters Available

UNIQUE INDICATOR	ID	OD	MATERIAL
P	350 μm	900 μm	PVDF
V	500 μm	900 μm	PVDF
H	500 μm	900 μm	Hytrel
X	1100 μm	1400 μm	PVDF
W	1100 μm	1500 μm	Polypropylene
Y	350 μm	900 μm	Polypropylene
Z	1050 μm	1400 μm	Polypropylene
MicroCore Furcation	1.6 mm	2.2 mm	PVC

(#) Outer Jacket Colors Available

1 - Blue	8 - Black
2 - Orange	9 - Yellow
3 - Green	A - Violet
4 - Brown	B - Rose
5 - Slate	C - Aqua
6 - White	K - Erika Violet (RAL 4003)
7 - Red	

Temperature Specifications

TEMPERATURE RANGE	
INSTALLATION	-20°C to +70°C
OPERATING	-20°C to +70°C
STORAGE	-40°C to +70°C