



PACKING:

ROUND CABLE METHOD SEE "DETAIL A"	BAG TYPE	QTY
SMALL	POLYBAG	1 CABLE WITH TEST CARD
MEDIUM	POLYBAG	5 CABLES
LARGE	POLYBAG	ALL

EACH LARGE POLYBAG IN AN OUTER CARTON

ATF Fiber Optical Patchcord

LC/UPC to LC/UPC Duplex Singlemode 9/125 OS2, 0.9±0.0 armored LSZH **Microis**

Model: XXXXX-XXXXXX
Lot number: XXXXXX

Performance: (0.22@1310)/1650±20um

Serial No	Inscription Laser
A	1310nm
B	1650nm
C	
D	

XXXXXX XXXXXX

QC: not to be clean connector, from a before steps to get optimal performance
- 50% of the lot size
Prepared By: _____ Date: _____

Partnumber	Length	Partnumber	Length
RL3300	0.50M	RL3310	10.00M
RL3301	1.00M	RL3315	15.00M
RL3351	1.50M	RL3320	20.00M
RL3302	2.00M	RL3325	25.00M
RL3303	3.00M	RL3330	30.00M
RL3305	5.00M	RL3340	40.00M
RL3307	7.00M	RL3350	50.00M

**RoHS
Compliant**

ITEM	Description	Q'TY
1	LC dust cover white	4 PCS
2	LC/UPC SM simplex connector blue	4 PCS
3	LC clip blue	2 PCS
4	LC 3.0mm boot white	4 PCS
5	Breakout heat-shrink tubing black L=15mm	2PCS
6	OD=3.0mm duplex OS2 fiber optical cable Armored LSZH Yellow	1 PC

ATF	
Designed by:	Audit:
Date: 2018-12-18	Approve:
Unit: mm	Sheet: A4
Drawing NO:	LC/UPC-LC/UPC DX 3.0mm OS2 armored LSZH Yellow

Product Specification

Standard Compliances

1. ANSI/TIA-568-C.3.
2. 150 11801 OS2 /IEC60793-2-10 type A1a.
3. Telcordia GR-326-CORE Issue 4 February 2010 Compliance.
4. RoHS Compliance for the Requirement of European Union Issued Directive 2011/65/EU.
5. Connector Grade A: Typical Insertion loss of 0.07dB (IEC Standard 61300-3-34) and a Maximum Insertion Loss of 0.15db max, for >97% of samples.

Construction&Characteristics

Optical Performance	Insertion loss typical	0.07dB
	Insertion loss maximum	0.15dB
	Return loss	≥50dB
	Polish	UPC
Connector	Connector A side	IEC61754-20 LC connector
	Connector B side	IEC61754-20 LC connector
	Ferrule	Ceramic Zirconia (ZrO ₂)
Cable	Fiber class	OS2
	Fibertype	Singlemode 9/125
	Cable type	3.0 x 6.0mm LSZH aqua zipcord
	Tensile strength	200N (short time 400N)
	Operation temp.	-25 °C to +80°C (5 cycles)
	Vibration	10 to 55 Hz 15mm double amplitude
Fire Performance	Flame retardancy	IEC 60332-1-2 and IEC 60332-3-22
	Smoke density LS	IEC61034
	Absence of halogen	IEC 60754-1
	Risercable	LSZH
Marking	ACT ARMORED OPTICAL FIBER CABLE 3.0×6.1 SM OS2 -LSZH - MM/YY 00000M	

100% tested and approved

1. End-face geometry 100% guaranteed.
2. ACT advises to clean every connector ferrule before usage to get optimal performance.
3. Always leave the dust caps on if the cable isn't installed.