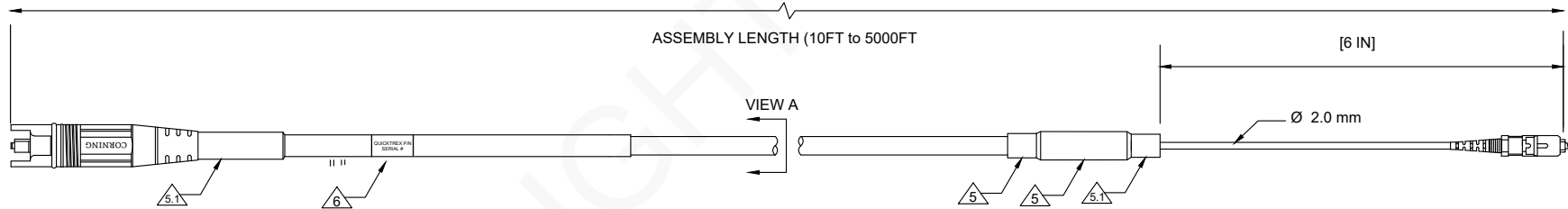


NOTES: THIS IS A GENERAL DEPICTION OF QUICKTREX ASSEMBLY BUILD SPECIFICATIONS. FOR FURTHER CUSTOMIZATION CONTACT LANSHACK.



## 1 FIBER SINGLEMODE HFOC OPTITAP® PRECONNECTORIZED FIBER OPTIC CABLE ASSEMBLY BUILD SPECIFICATIONS

1. MATERIALS AND COMPONENTS ARE RoHS/REACH COMPLIANT.
2. CORNING OPTITAP® CONNECTORS AND STANDARD CONECTORS MEET THE REQUIREMENTS OF ANSI/TIA 568-C.3.
3. ALL FIBER WILL BE CORNING GLASS UNLESS OTHERWISE SPECIFIED.
4. STANDARD CONNECTOR BREAKOUT WILL BE CONSTRUCTED USING 2 MM OSP UV RATED FURCATION TUBING
5. FOR STANDARD CONNECTOR BREAKOUTS BUFFER TUBES WILL BE FASTENED TO THE OUTER JACKET USING HEAT SHRINK TUBING & OSP RATED BREAKOUT. FOR OPTITAP CONNECTORS THE CONNECTOR BOOT WILL TRANSITION TO CABLE JACKET WITH HEAT SHRINK TUBING. HEAT SHRINK TUBING WILL BE USED AT:
  - 5.1. THE TRANSITION FROM THE OPTITAP CONNECTOR TO JACKET OR BUFFER TUBES/BREAKOUT KIT TO THE CABLE JACKET.
  - 5.2. WHERE THE BASKET MEETS THE TURN BUCKLE (PULLEYE HOOK).
  - 5.3. WHERE THE BASKET ENDS AND CONNECTS WITH THE CABLES JACKET.
6. ONE WRAP AROUND LABEL IS ATTACHED TO EACH END FOR IDENTIFICATION. THE LABEL WILL INCLUDE THE PART # AND AN INDIVIDUAL SERIAL NUMBER.
7. THE BREAKOUT AND CONNECTOR WILL BE PACKAGED IN CLEAR STRETCH PLASTIC TO PROTECT FROM CONTAMINANTS.
8. OPTIONAL PULLEYES / BASKETS ARE MADE FROM SUPER STRONG POLYETHYLENE MESH AND FEATURE A FREE SPINNING BUCKLE TO ELIMINATE TWISTING OF THE CABLE DURING THE PULL.
9. BREAKOUT LENGTH WILL BE 6 INCHES
10. ALL FIBER ENDS ARE 100% TESTED FOR OPTICAL PERFORMANCE AND INSPECTED WITH A FIBERSCOPE OF 400 POWER OR MORE FOR SURFACE DEFECTS INCLUDING CRACKING, PITTING, AND SCRATCHES ON THE GLASS SURFACE. ALL ENDS ARE TESTED UTILIZING A PROFESSIONAL GRADE LOSS TEST SET TO THE FOLLOWING STANDARDS:  
SINGLEMODE: IL MAX 0.2dB MIN -0.1dB ORL (OPTICAL RETURN LOSS) -55dB

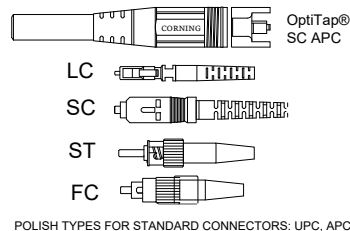


MANUFACTURED IN THE USA | TAA COMPLIANT

### EXAMPLE BILL OF MATERIALS

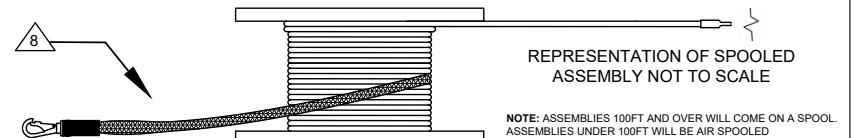
ITEM	QTY	COMPONENT
5	1	APC TEST REPORT; 1310 nm.
4	1	SINGLE LEG BREAKOUT: 2 mm FIBER LEG, BLACK UV RATED, 6 IN.
3	AR	SINGLE-MODE OS2 1-FIBER FIBER OPTIC CABLE
2	1	OptiTap® CONNECTOR, SC APC POLISH; DUST CAP INCLUDED: CORNING
1	1	SC-UNCLIPPED APC POLISH; GREEN HOUSING, GREEN BOOT. CORNING

### CONNECTOR OPTIONS



### APC TEST LIMITS AT 1310 nm

MAX. I.L.	TYP. I.L.	MIN. R.L.	TYP. R.L.
≤0.50dB	20dB	≥65dB	68dB



DRAWN BY:	K. THOMAS	03/15/2021
APVD BY:	T. DAMIANO	03/20/2021

DIMENSIONS: METRIC [IMPERIAL]

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Sales@LANshack.com | 888-568-1230

TITLE: OptiTap® SC APC Simplex Fiber Optic Assembly

SIZE	DWG. NO.	REV
A	QT-OTAP-XXX-1F-SM	A

SCALE: NOT TO SCALE

SHEET 1 OF 1