

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

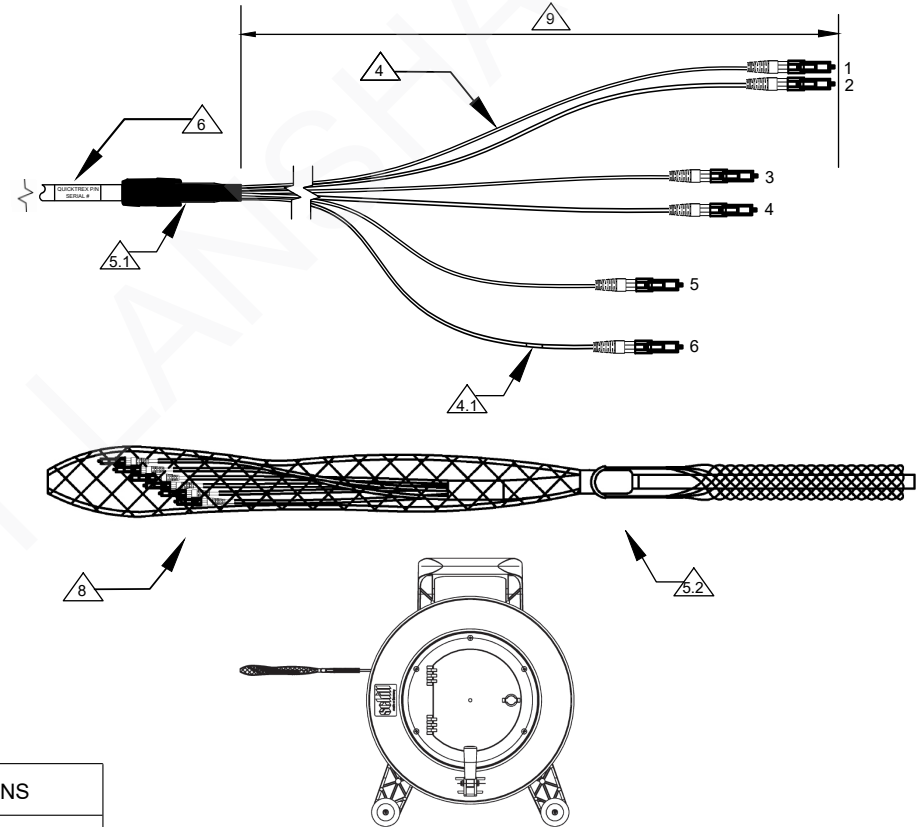


PRE-TERMINATED TACTICAL DEPLOYABLE FIBER OPTIC CABLE ASSEMBLY BUILD SPECIFICATIONS

REV	ECR	DESCRIPTION	BY	DATE	CHECKED
C	-	QUICKTREX TACTICAL BUILD SPECIFICATIONS	T.D.	02/05/2021	A.D.


MANUFACTURED IN THE USA | TAA COMPLIANT

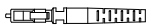



- MATERIALS AND COMPONENTS ARE RoHS/REACH COMPLIANT.
- CONNECTORS MEET THE REQUIREMENTS OF ANSI/TIA 568-C.3.
- ALL CABLE WILL INCLUDE PREMIUM TACTICAL GRADE GLASS AND CABLE JACKET.
- ALL MULTI-STRAND FIBER ASSEMBLIES WILL BE CONSTRUCTED USING BLACK 3mm POLYURETHANE (PUR WITH KEVLAR) BUFFER FURCATION TUBING AND SEQUENTIAL NUMBERS FOR EACH LEG.
4.1 EACH STRAND WILL INCLUDE A SEQUENTIAL LABEL
- THE BUFFER TUBES WILL BE FASTENED TO THE OUTER JACKET USING HEAT SHRINK TUBING. EPOXY FILLED TRANSITIONS ARE CONSTRUCTED FROM A HIGH TEMP SKELETAL FRAME AND MIL-SPEC COVERING WITH AN ASSEMBLED DUROMETER HARDNESS SHORE D OF D90
HEAT SHRINK TUBING WILL BE USED AT:
5.1. THE TRANSITION FROM THE BUFFER TUBES TO THE CABLE JACKET.
5.2. WHERE THE BASKET MEETS ENDS AND CONNECTS WITH THE CABLES JACKET.
- ONE WRAP AROUND LABEL IS ATTACHED TO EACH END FOR IDENTIFICATION. THE LABEL WILL INCLUDE THE PART # AND AN INDIVIDUAL SERIAL NUMBER.
- THE BREAKOUT AND CONNECTORS WILL BE PACKAGED IN MESH BASKET FOR PROTECTING FIBERS WHEN PULLING FIBER FROM REEL. THE MESH PROTECTIVE SLEEVE IS MADE OF ABRASION AND UV RESISTANT TECH FLEX. TWICE THE LENGTH OF MATERIAL IS USED AND FOLDS BACK ON ITSELF TO DOUBLE THE AMOUNT OF MATERIAL THICKNESS. THE FOLDED EDGE BECOMES THE LEADING EDGE AND OTHER END IS SECURED TO THE CABLE JACKET BEHIND THE EPOXY BREAKOUT WITH HIGH QUALITY ADHESIVE
- HEAVY DUTY CABLE BALE INSTALLED ON OUTSIDE LEG TO PROVIDE SUPPORT FOR CABLE END DURING USE.
- THE STANDARD BREAKOUT WILL BE AND EVEN 36" FOR ALL STRAND COUNTS AND CONNECTORS WILL BE STAGGARD PER PAIR. STRANDS 1 AND 2 WILL BE THE FURTHEST STRANDS FROM CABLE JACKET.
- 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:
MULTIMODE: 62.5/125 & 50/125: IL MAX 0.3dB, MIN -0.1 dB
SINGLEMODE: IL MAX 0.5dB MIN -0.1 dB ORL (OPTICAL RETURN LOSS) -55dB



ABOVE IS EXAMPLE OF AN ASSEMBLY ON SCHILL DEPLOYMENT REEL. FOR REEL OPTIONS SEE PRODUCT PAGE

DESCRIPTION: THIS IS A SAMPLE REPRESENTATION OF QUICKTREX TACTICAL ASSEMBLY BUILD SPECIFICATIONS

DRAWN BY:	T. D.	02/05/2021	 1-888-568-1230 or Sales@LANshack.com	
APVD BY:	A. D.	02/10/2021		
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			SCALE: NOT TO SCALE	SHEET 1 OF 1

QUICKTREX BUILD MATERIAL LIST			CONNECTOR OPTIONS
ITEM	QTY	COMPONENT	
1	VARIES	TACTICAL DISTRIBUTION FIBER	LC 
2	VARIES	FIBER OPTIC CONNECTORS	SC 
3	VARIES	FURCATION TUBING	ST 
4	VARIES	HEAT SHRINK TUBING	FC 
5	2	CABLE BALE	POLISH TYPES: PC, UPC, APC
6	1	PULL SLEEVE	
7	1	REEL LABEL	FIBER TYPE OPTIONS: MULTIMODE OM3 50/125 MULTIMODE OM4 50/125 SINGLEMODE 9/125 *OM1 62.5/125 AVAILABLE UPON REQUEST
8	2	CABLE LABEL	STRAND COUNT OPTIONS: 2, 4, 6, 8, 10, AND 12
9	1	TEST REPORT	JACKET TYPE OPTIONS: TACTICAL & RUGGED MIL-TAC EXTREME (DOUBLE JACKETED)
10	1	OPTIONAL DEPLOYMENT REEL	ISO 9001 CERTIFIED