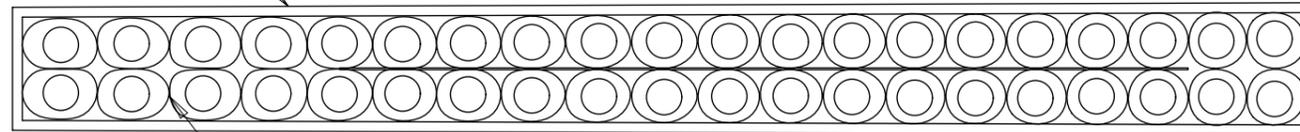


DESCRIPTION: QXF V2 INSULATED CABLE  
 CATEGORY: ASSEMBLY PROJECT: LHCLARPMagnets

REV	REVISION CONTROL DOCUMENT	DATES	SIGNATURES	
B	F10043195-B-RCD	01-Dec-2015	DRAWN	J. COGHILL
			APPROVED	M. YU

145 $\mu$ m S2-GLASS BRAID



NOTES (UNLESS OTHERWISE SPECIFIED);

- A B 1. INSULATION THICKNESS IS 145 $\pm$ 5 $\mu$ m @ 5MPa ON THIRD LOADING.
- A B 2. FOR INSULATION MATERIAL - USE 2-PLY S2-GLASS, SCG 75 1/0 WITH 933 SIZING.
- A 3.
- A B 4.
- A 5. THE DIMENSIONS IN THE DRAWING ARE AS MANUFACTURED WITHOUT HEAT TREATMENT.
- A 6. THIS IS FOR 2ND GENERATION INSULATED CABLE

1	F10043170	QXF V2 BARE CABLE	1
ITEM	PART NUMBER	DESCRIPTION	QTY

PARTS LIST

UNLESS OTHERWISE SPECIFIED					DRAWN	J. COGHILL	DATE	30-Jun-2015	FERMI NATIONAL ACCELERATOR LABORATORY UNITED STATES DEPARTMENT OF ENERGY				
$\pm X$	$\pm X.X$	$\pm X.XX$	$\pm X/X$	$\pm X^\circ$	CHECKED	V. MARTINEZ	DATE	30-Jun-2015					
2	0.3	0.12	N/A	1°	APPROVED	M. YU	DATE	30-Jun-2015					
BREAK ALL SHARP EDGES 0.5 MAX. DO NOT SCALE DRAWING DIMENSIONS BASED ON ASME Y14.5-2009 MAX. ALL MACH SURFACES 3.2 DRAWING UNITS: MM					USED ON		F10039731		NAME				
					MATERIAL				QXF V2 INSULATED CABLE				
					SEE PARTS LIST				SCALE	10:1	SIZE	A3	DRAWING NUMBER
GROUP: Technical Division - Design and Drafting					CAGE CODE: 0U5R6								