




INTRODUCTION

360° Test Labs has been retained to measure 500 volt insulation resistance of supplied cables per protocol 7C, drawing 3392AS3436 Assembly IR Cable assembly

- C. THE INSULATION RESISTANCE SHALL BE GREATER THAN 50 MEG-OHMS WHEN 500 VDC IS APPLIED FOR NO LESS THAN 0.10 SECONDS TO EACH CIRCUIT INCLUDING GROSS SHIELD.



Electrical Insulation Resistance was determined by utilizing an AEMC 6505 megohmmeter with an applied voltage of 500 volts DC for twenty seconds. Below are the results from the test:

WIRING DIAGRAM	
TEST CABLE P1	
PI	
A	LIGHT
B	GND 
C	2
D	3 (DIM)
E	1 (BRT)

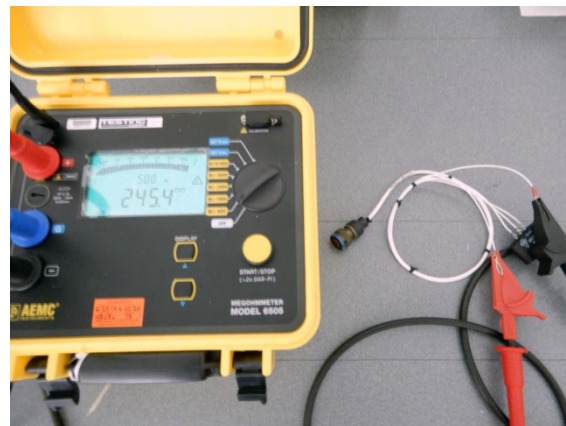


Figure 1: Typical measurement configuration

Note: In the below tables X indicates a duplicate or invalid combination, while N indicates a measurement was not possible due to an IR module diode bridging the combination.

	Shield	A	B	C	D	E
Shield	X	X	X	X	X	X
A	>2.0TΩ	X	X	X	X	X
B	>2.0TΩ	215GΩ	X	X	X	X
C	>2.0TΩ	230GΩ	180GΩ	X	X	X
D	>2.0TΩ	217GΩ	183GΩ	N	X	X
E	>2.0TΩ	204GΩ	187GΩ	N	N	X

Table 1: ...01

	Shield	A	B	C	D	E
Shield	X	X	X	X	X	X
A	1.90TΩ	X	X	X	X	X
B	>2.0TΩ	245GΩ	X	X	X	X
C	1.88TΩ	220GΩ	190GΩ	X	X	X
D	>2.0TΩ	238GΩ	194GΩ	N	X	X
E	>2.0TΩ	273GΩ	184GΩ	N	N	X

Table 2: ...02

	Shield	A	B	C	D	E
Shield	X	X	X	X	X	X
A	>2.0TΩ	X	X	X	X	X
B	>2.0TΩ	216GΩ	X	X	X	X
C	>2.0TΩ	194GΩ	183GΩ	X	X	X
D	>2.0TΩ	193GΩ	178GΩ	N	X	X
E	>2.0TΩ	200GΩ	177GΩ	N	N	X

Table 3: ...03

	Shield	A	B	C	D	E
Shield	X	X	X	X	X	X
A	>2.0TΩ	X	X	X	X	X
B	>2.0TΩ	274GΩ	X	X	X	X
C	1.34TΩ	231GΩ	227GΩ	X	X	X
D	>2.0TΩ	252GΩ	245GΩ	N	X	X
E	1.06TΩ	243GΩ	223GΩ	N	N	X

Table 4: ...04

	Shield	A	B	C	D	E
Shield	X	X	X	X	X	X
A	800GΩ	X	X	X	X	X
B	998GΩ	280GΩ	X	X	X	X
C	1.09TΩ	254GΩ	203GΩ	X	X	X
D	602GΩ	242GΩ	235GΩ	N	X	X
E	1.08TΩ	229GΩ	252GΩ	N	N	X

Table 5: ...05

	Shield	A	B	C	D	E
Shield	X	X	X	X	X	X
A	>2.0TΩ	X	X	X	X	X
B	>2.0TΩ	264GΩ	X	X	X	X
C	>2.0TΩ	211GΩ	216GΩ	X	X	X
D	>2.0TΩ	229GΩ	217GΩ	N	X	X
E	>2.0TΩ	194GΩ	222GΩ	N	N	X

Table 6: ...06

	Shield	A	B	C	D	E
Shield	X	X	X	X	X	X
A	245GΩ	X	X	X	X	X
B	259GΩ	77GΩ	X	X	X	X
C	247GΩ	69GΩ	64GΩ	X	X	X
D	217GΩ	65GΩ	78GΩ	N	X	X
E	204GΩ	62GΩ	83GΩ	N	N	X

Table 7: ...07

Reviewed By: LJJ AMC