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APPLICATION

The Alcatel 7300 ASAM HD Streaker Cards (ST-ALC7300HD) are utilized by installers and audit (acceptance) personnel. The Streaker card verifies wiring from the LP (Low Pass) card slots / backplane / telecom cabling to the wire termination points at the Main Distribution Frame(MDF). The "streaker" test determines whether or not the LP card slots are properly connected through the interconnect wiring. The ST-ALC7300HD is powered by a 9-Volt battery.

Note: The ST-ALC7300HD Streaker Card is a temporary test card. Do not leave Streaker Card unattended while plugged into a LP Card Slot.



GENERAL

This practice describes Telecom Assistance Group's ST-ALC7300HD - Alcatel 7300 ASAM HIGH DENSITY (HD) Streaker Card. The ST-ALC7300HD is used when installing the Alcatel 7300 ASAM High Density systems. The ST-ALC7300HD is a temporary test card that plugs in the LP card slots of the Alcatel 7300 ASAM integrated HD shelf (ALTS-G) or LP-HD (ALTS-P) shelf and is used to confirm wiring from the shelf to the corresponding Main Distribution Frame (MDF) connection points.

For complete information: See Page 2 - Physical Description and Connections.



PROCEDURE

The test procedure typically requires two (2) people for ease of testing. Tester 1 plugs the ST-ALC7300HD into the Alcatel 7300 ASAM HD Shelf.

Tester 2 grounds the corresponding wire wrap connection points. Tester 1 observes the illuminated LED's to verify the wiring.

See Pages 4 - 5 for Step-by-Step Test Procedures.



Physical Description and Connections

- Alcatel 7300 ASAM
 High Density Steaker Card
- 9V Battery or -48VDC Shelf Powered
- Continuity Test 48 LED's (24 Green - Tip / 24 Red - Ring)
- LED Test
- Talk Set Jacks



The ST-ALC7300HD provides a quick method to verify wiring continuity "streak" from the Alcatel 7300 ASAM integrated ALTS-G or LP-HD systems low pass filter card slots to the cross connect Main Distribution Frame (MDF). At the cross connect block, Tester 2 will ground the connection point and the ST-ALC7300HD will light the LED associated with that connection. The wiring label on ST-ALC7300HD indicates LED's for 12 POTS circuits and 12 ADSL circuits. The ST-ALC7300HD is powered by a 9-Volt battery.







Testing Equipment

The following equipment is required:

- At least one 7300 ASAM HD Continuity Test Card, Part Number (ST-ALC7300HD) (also known as a Streaker Card) - 2 Cards are recommended to identify wiring errors at the Terminal Block.
- Protected Ground Probe, Part Number **P-2000**.
- Hands Free Talk Set, Part Number TS-7300. Tester 1 can communicate with Tester 2 via Hands Free Talk Set over spare pair.
- Continuity test data sheet (see Table B) Page 8.

Part Number: ST-ALC7300HD

Description: Alcatel 7300 HD Streaker Card



Part Number: 600209N **Description: Carrying Case**



Part Number: P-2000

Description: Protected Ground Probe w/ LED



Part Number: 400409

Description: Grounding Cord, (6')



Part Number: TS-7300 Description: Talk Set Kit

(2) Hands free talk set w/headphone/mic (TS-1C),

(1) Bantam to Wire Wraps - Talk Set Monitor 6' (400210TSW).

(1) Bantam to Pin Plugs 6' (400210P) & (1) Carrying Case (600209)









Step by Step Procedure

TESTER 1

TESTER 1 Located at Front of Alcatel HD

Step **Procedure**

- 1. Press LED test button. If ALL LED's do not illuminate, replace battery.
- 2. Visually check connector on Streaker Card and backplane of Alcatel LP card slot for connector wear or pin obstruction.



Due to the nature of high density connectors - do not overuse Streaker Cards. Connectors are rated for 500 insertions - Call 800-824-7005 to refurbish or re-order.

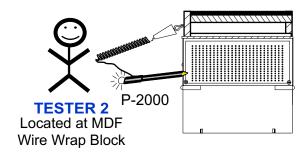
3. Verify proper alignment and insert ST-ALC7300HD into Low Pass Filter card slot 1 (LP 1).

The streaker card is keyed for use only in the Low Pass filter slots of the HD shelf. Caution: "Please do not try to force the streaker card into LT Card Slots."

- 4. Establish communication with Tester 2 at the Frame.
- 5. Have Tester 2 Ground Touch Probe P-2000 to Line 1 TIP 1 wire wrap pin assignment.

TESTER 2

6. Connect test probe (P-2000) Alligator Clip to Frame Ground. Use probe end to "ground the corresponding wiring assignments" The LED on the probe will illuminate to indicate a connection to the Alcatel 7300 ASAM HD Streaker Card.



TESTER 1

7. Verify that the correct LED on the streaker card is "ON" "GREEN" (Line 1 - TIP 1)

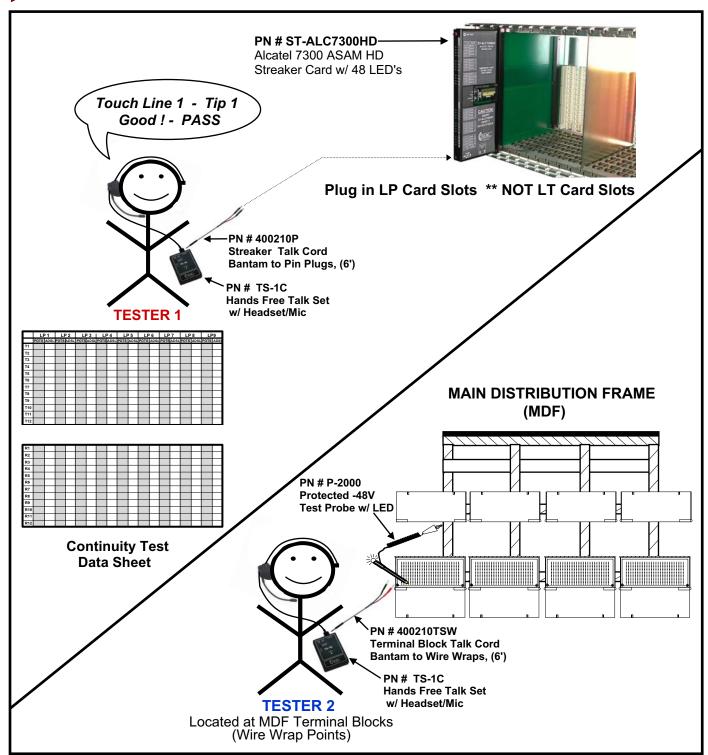
Record PASS/FAIL data in Table B. (See Page 8 for forms)

Table A.	ST-ALC	7300HD LE	D States
LED	LED Color	LED State	Explanation
ADSL TIP#	Green	On	There is continuity in the circuit.
ADSL TIP#	Green	Off	There is no continuity in the circuit.
ADSL: RING#	Red	On	There is continuity in the circuit.
ADSL: KING#	Red	Off	There is no continuity in the circuit.
POTS TIP#	0	On	There is continuity in the circuit.
POIS IIP#	Green	Off	There is no continuity in the circuit.
POTS: RING#	Red	On	There is continuity in the circuit.
FUIS. RING#	rt⊕u	Off	There is no continuity in the circuit.



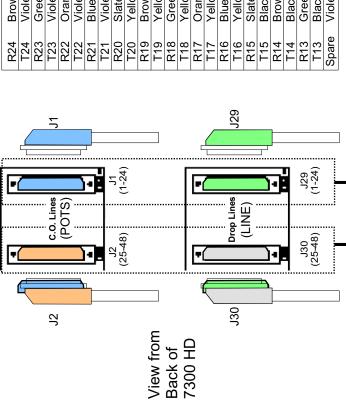


Step by Step Procedure





Cabling / Wiring Diagram



2	T1	R2	T2	R3	T3	R4	T4	R5	T5	R6	1E	R7	T7	R8	T8	R9	T9	R10	T10	R11	T11	R12	T12	Spare	
Blue/White	White/Blue	Orange/White	White/Orange	Green/White	White/Green	Brown/White	White/Brown	Slate/White	White/Slate	Blue/Red	Red/Blue	Orange/Red	Red/Orange	Green/Red	Red/Green	Brown/Red	Red/Brown	Slate/Red	Red/Slate	Blue/Black	Black/Blue	Orange/Black	Black/Orange	Slate/Violet	
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	20	\
_	2	8	4	2	9	2	8	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
Brown/Violet	Violet/Brown	Green/Violet	Violet/Green	Orange/Violet	Violet/Orange	Blue/Violet	Violet/Blue	Slate/Yellow	Yellow/Slate	Brown/Yellow	Yellow/Brown	Green/Yellow	Yellow/Green	Orange/Yellow	Yellow/Orange	Blue/Yellow	Yellow/Blue	Slate/Black	Black/Slate	Brown/Black	Black/Brown	Green/Black	Black/Green	Violet/Slate	
R24	T24	R23	T23	R22	T22	R21	T21	R20	T20	R19	T19	R18	T18	R17	T17	R16	T16	R15	T15	R14	T14	R13	T13	Spare	

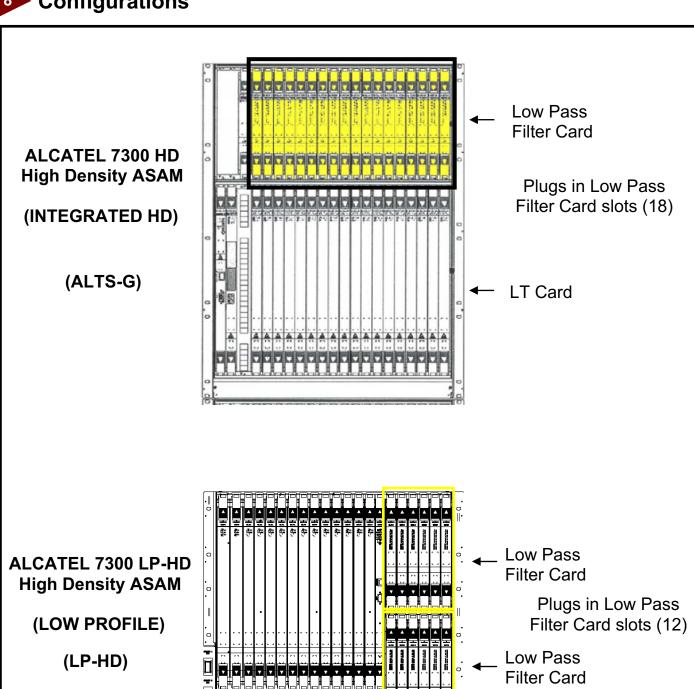
3r/V	//Br	3r/V	//Br	3r/V	//Br	Br/V	//Br
Gr/R Br/R SL/R BL/BK Or/BK Gr/BK Br/BK SL/BK BL/Y Or/Y Gr/Y Br/Y SL/Y BL/V Or/V Gr/V Br/V	R/Gr R/Br R/SL BK/BL BK/Or BK/Gr BK/Br BK/SL Y/BL Y/Or Y/Gr Y/Br Y/SL V/BL V/Or V/Gr V/Br	SL/R BL/BK Or/BK Gr/BK Br/BK SL/BK BL/Y Or/Y Gr/Y Br/Y SL/Y BL/V Or/V Gr/V Br/V	R/Gr R/Br R/SL BK/BL BK/Or BK/Gr BK/Br BK/SL Y/BL Y/Or Y/Gr Y/Br Y/SL V/BL V/Or V/BL V/Gr V/Br	Gr/R Br/R SL/R BL/BR Or/BR Gr/BK Br/BK SL/BK BL/Y Or/Y Gr/Y Br/Y SL/Y BL/V Or/V Gr/V Br/V	R/SL BK/BL BK/Or BK/Br BK/BL R/SL Y/BL Y/Or Y/Gr Y/Br Y/SL V/BL V/Or V/Gr V/Br		R/Gr R/Br R/SL BK/BL BK/Or BK/Gr BK/Br BK/SL Y/BL Y/Or Y/Gr Y/Br Y/SL V/BL V/Or V/Gr V/Br
OrV	V/Or	Or/V	V/Or	Or/V	V/Or	Or/V	V/Or
BLN	V/BL	BLN	V/BL	BLN	V/BL	BLN	V/BL
SLY	Y/SL	SL/Y	Y/SL	λ∕ΊS	Y/SL	SL/R BL/BK Or/BK Gr/BK Br/BK SL/BK BL/Y Or/Y Gr/Y Br/Y SL/Y BL/V Or/V Gr/V	Y/SL
Br/∖	Y/Br	Br/Y	Y/Br	Br/Y	Y/Br	Br/Y	Y/Br
Gr/∀	Y/Gr	Gr/Y	Y/Gr	Gr/Y	Y/Gr	Gr/Y	- Y/Gr
Or/	- Y/Or	Or/Y	- Y/Or	Or/Y	- Y/Or	Or/	- Y/Or
, BL∧	- Y/BI	k BL∕Y	- Y/BI	⟨ BL/Y	- Y/BI	, BL∧	_ Y/BI
SL/BI	r Bk/SI	SL/Bi	r Bk/SI	SL/BI	r Bk/SI	SL/BI	r BK/SI
k Br/Bł	ir Bk/B	k Br/Bł	ir Bk/B	k Br/Bl	ir Bk/B	k Br/Bł	ir Bk/B
k Gr/B	or Bk/G	k Gr/B	or Bk/G	k Gr/B	or Bk/G	k Gr/B	or BK/G
sk Or/B	SL BK/C	sk Or/B	IL BK/C	sk Or/B	IL BK/C	sk Or/B	IL BK/C
8L/B	L BK/B	RL/B	L BK/B	BL/B	L BK/B	RL/B	L BK/B
SL/F	R/SI	SL/F	R/SI	SL/F	. R/SI		R/SI
Br/R	r R/Br	Gr/R Br/R	r R/Br	Br/R	R/Gr R/Br	Gr/R Br/R	r R/Br
A Orl	L R/O	R BL/W Or/W Gr/W Br/W SL/W BL/R Or/R	L R/O	ا Or/F	L R/O	R BLW OrW GrW BrW SLW BLR OrR	L R/O
N BL/I	il R/B	N BL/I	il R/B	N BL/I	il R/B	N BL/I	il R/B
W SLA	Br W/S	W SLA	Br W/S	N SLA	Br W/S	N SLA	Br W/S
N Br/	3r W/I	N Br/	3r W/I	N Br/	sr W/I	N Br/v	ir N//
N Gr∧	Jr W/G	N Gr∧	or W/C	N Gr/	or W/C	N Gr∧	Jr W/C
W Or/	3L W/C	W Or/	3L W/C	w or/	3L WC	W Or/	3L W/C
BL	- W/E	BL	W/E	ВГ	1/M	BL/	W/E
POTS R BLW OrW GrW BrW SLW BLR OrR	(25-48) T W/BL W/Or W/Gr W/Br W/SL R/BL R/Or	LINE	(25-48) T W/BL W/Or W/Gr W/Br W/SL R/BL R/Or	POTS R BLW OrW GrW BrW SLW BLR Or/R	(1-24) T W/BL W/Or W/Gr W/Br W/SL R/BL R/Or	LINE	(1-24) T W/BL W/Or W/Gr W/Br W/SL R/BL R/Or
2	ر ا ا	2	2				929

OE Block # 1

OE Block # 1



Configurations





(ALTS-P)



Continuity Test Data Sheet

Tested by:	
Shelf # :	
Rack # :	

TABLE B. (P) Pass (F) Fail

	LP 1		LP1 LP2		LP 2 LP 3		LP 4		LP 5		LP 6		LP 7		LP 8		LF	9
	POTS	ADSL	POTS	ADSL	POTS	ADSL	POTS	ADSL	POTS	ADSL	POTS	ADSL	POTS	ADSL	POTS	ADSL	POTS	ADSL
T1																		
T2																		
Т3																		
T4																		
Т5																		
T6																		
Т7																		
Т8																		
Т9																		
T10																		
T11																		
T12																		

R1									
R2									
R3									
R4									
R5									
R6									
R7									
R8									
R9									
R10									
R11									
R12									