

Connector and Cable Diagrams (Pinout Charts)



These pinout charts provide wire color and connector pin numbers for

- [Crossover Cable Pinouts](#)
- [Circuit Pack and Auxiliary Equipment Leads \(Pinout Charts\)](#), includes 2- and 4-wire analog and digital lines, 8, 16, and 24 ports; hybrid line; AUX and CO trunk.
- [Circuit Pack and Auxiliary Equipment Leads \(Pinout Charts\)](#), includes 3-wire CO trunk, DID/DIOD trunk, tie and DS1 tie trunk, 2- and 4-wire ISDN-BRI lines, packet data line, and 4-port DIOD.
- [Lead and Color Designations](#)
- [TN2185B ISDN-BRI 4-wire S Interface](#)
- [TN2198 ISDN-BRI 2-wire U Interface](#)
- [TN793B 24-Port Analog Line circuit pack](#)
- [DS1 Interface Cable Pinouts](#)
- [Port Circuit Pack and Telephone Pin Designations](#)
- [Auxiliary Lead Appearances at AUX Connector \(MCC1 and SCC1 media gateways only\)](#)
- [External Alarm Connector Pinout](#)
- [External Alarm Connector Pinout](#)
- [Emergency Transfer Panel to MDF Pinouts for 25-pair Connector](#)
- [TN799C/DP C-LAN Pinouts](#)
- [Pinouts for the Adapters for TN2302AP IP Media Processor and TN2501AP VAL](#)
- [TN2312AP IP Server Interface Adapter Pinouts](#)

Crossover Cable Pinouts

An Ethernet CAT5 cable that is used to directly connect a laptop to the Avaya media server's services port must have the following pinouts:

Pin to media server's services Ethernet port	Pin to laptop's Ethernet card
8	8
7	7
6	2
5	5
4	4
3	1
2	6
1	3

Circuit Pack and Auxiliary Equipment Leads (Pinout Charts)

Color	Connector Pin Nos	Analog Line (8)	Digital Line & Analog Line (16) 2-wire	Data Line & Digital Line 4-wire	Digital Line & Analog Line (24) 2-wire	Hybrid Line	MET Line	AUX Trunk	CO Trunk
W-BL	26	T1	T1		T1	V1T1	T1	T1	T1
BL-W	01	R1	R1		R1	V1R1	R1	R1	R1
W-O	27		T2	TXT1	T2	CT1	TXT1	SZ1	
O-W	02		R2	TXR1	R2	CR1	TXR1	SZ11	
W-G	28		T3	PXT1	T3	P-1	PXT1	S1	
G-W	03		R3	PXR1	R3	P+1	PXR1	S11	
W-BR	29	T2	T4		T4	V1T2	T2	T2	T2
BR-W	04	R2	R4		R4	V1R2	R2	R2	R2
W-S	30			TXT2	T5	CT2	TXT2	SZ2	
S-W	05			TXR2	R5	CR2	TXR2	SZ12	
R-BL	31			PXT2	T6	P-2	PXT2	S2	
BL-R	06			PXR2	R6	P+2	PXR2	S12	
R-O	32	T3			T7	V1T3	T3	T3	T3
O-R	07	R3			R7	V1R3	R3	R3	R3
R-G	33			TXT3	T8	CT3	TXT3	SZ3	
G-R	08			TXR3	R8	CR3	TXR3	SZ13	
R-BR	34		T5	PXT3	T9	P-3	PXT3	S3	
BR-R	09		R5	PXR3	R9	P+3	PXR3	S13	
R-S	35	T4	T6		T10	V1T4	T4	T4	T4
S-R	10	R4	R6		R10	V1R4	R4	R4	R4
BK-BL	36		T7	TXT4	T11	CT4	TXT4	SZ4	
BL-BK	11		R7	TXR4	R11	CR4	TXR4	SZ14	
BK-O	37		T8	PXT4	T12	P-4	PXT4	S4	
O-BK	12		R8	PXR4	R12	P+4	PXR4	S14	
BK-G	38	T5	T9		T13	V1T5			T5
G-BK	13	R5	R9		R13	V1R5			R5

Job Aid

Color	Connector Pin Nos	Analog Line (8)	Digital Line & Analog Line (16) 2-wire	Data Line & Digital Line 4-wire	Digital Line & Analog Line (24) 2-wire	Hybrid Line	MET Line	AUX Trunk	CO Trunk
BK-BR	39		T10	TXT5	T14	CT4			
BR-BK	14		R10	TXR5	R14	CR4			
BK-S	40		T11	PXT5	T15	P-5			
S-BK	15		R11	PXR5	R15	P+5			
Y-BL	41	T6	T12		T16	V1T6			T6
BL-Y	16	R6	R12		R16	V1R6			R6
Y-O	42			TXT6	T17	CT6			
O-Y	17			TXR6	R17	CR6			
Y-G	43			PXT6	T18	P-6			
G-Y	18			PXR6	R18	P+6			
Y-BR	44	T7			T19	V1T7			T7
BR-Y	19	R7			R19	V1R7			R7
Y-S	45			TXT7	T20	CT7			
S-Y	20			TXR7	R20	CR7			
V-BL	46		T13	PXT7	T21	P-7			
BL-V	21		R13	PXR7	R21	P+7			
V-O	47	T8	T14		T22	V1T8			T8
O-V	22	R8	R14		R22	V1R8			R8
V-G	48		T15	TXT8	T23	CT8			
G-V	23		R15	TXR8	R23	CR8			
V-BR	49		T16	PXT8	T24	P-8			
BR-V	24		R16	PXR8	R24	P+8			
V-S	50								
S-V	25								

The wire colors in this chart apply only to B25A and A25B cables. H600-307 cable colors are not shown.

The following wire colors apply to this chart:

W	White	S	Slate (Grey)
BL	Blue	R	Red
O	Orange	BK	Black
G	Green	Y	Yellow
BR	Brown	V	Violet

The following abbreviations apply for all circuit packs unless otherwise noted:

T,R	PBX transmit voice	T	Tip	(A)	Green
T1,R1	PBX receive voice	R	Ring	(B)	Red
M	PBX transmit signal	S	Sleeve		
E	PBX receive signal		PX	PBX transmit	
TX	Terminal transmit				
LI, LI*	Digital Trunk IN	LO, LO*	Digital Trunk OUT		

Circuit Pack and Auxiliary Equipment Leads (Pinout Charts)

Color	Connector Pin Nos	CO Trunk 3-wire	DID/ DIOD Trunk	Tie Trunk	DS1 Tie Trunk	ISDN BRI Line 4-wire	ISDN BRI Line 2-wire	Packet Data Line	4 Port DIOD
W-BL	26	A1	T1	T1		PXR1	T1	TXT1	T1
BL-W	01	B1	R1	R1		PXT1	R1	TXR1	R1
W-O	27			T11		TXT1	T2	PXT1	
O-W	02			R11		TXR1	R2	PXR1	
W-G	28			E1		PXR2	T3	TXT2	
G-W	03	C1		M1		PXT2	R3	TXR2	
W-BR	29	A2	T2	T2		TXT2	T4	PXT2	T2
BR-W	04	B2	R2	R2		TXR2	R4	PXR2	R2
W-S	30			T12		PXR3	T5	TXT3	
S-W	05			R12		PXT3	R5	TXR3	
R-BL	31			E2		TXT3	T6	PXT3	
BL-R	06	C2		M2		TXR3	R6	PXR3	
R-O	32	A3	T3	T3		PXR4	T7	TXT4	T3
O-R	07	B3	R3	R3		PXT4	R7	TXR4	R3
R-G	33			T13		TXT4	T8	PXT4	
G-R	08			R13		TXR4	R8	PXR4	
R-BR	34			E3		PXR5	T9	TXT5	
BR-R	09	C3		M3		PXT5	R9	TXR5	
R-S	35	A4	T4	T4		TXT5	T10	PXT5	T4
S-R	10	B4	R4	R4		TXR5	R10	PXR5	R4
BK-BL	36			T14		PXR6	T11	TXT6	
BL-BK	11			R14		PXT6	R11	TXR6	
BK-O	37			E4		TXT6	T12	PXT6	
O-BK	12			M4		TXR6	R12	PXR6	
BK-G	38		T5			PXR7		TXT7	
G-BK	13		R5			PXT7		TXR7	
BK-BR	39					TXT7		PXT7	

Color	Connector Pin Nos	CO Trunk 3-wire	DID/ DIOD Trunk	Tie Trunk	DS1 Tie Trunk	ISDN BRI Line 4-wire	ISDN BRI Line 2-wire	Packet Data Line	4 Port DIOD
BR-BK	14					TXR7		PXR7	
BK-S	40					PXR8		TXT8	
S-BK	15					PXT8		TXR8	
Y-BL	41		T6			TXT8		PXT8	
BL-Y	16		R6			TXR8		PXR8	
Y-O	42					PXR9		TXT9	
O-Y	17					PXT9		TXR9	
Y-G	43					TXT9		PXT9	
G-Y	18					TXR9		PXR9	
Y-BR	44		T7			PXR10		TXT10	
BR-Y	19		R7			PXT10		TXR10	
Y-S	45					TXT10		PXT10	
S-Y	20					TXR10		PXR10	
V-BL	46					PXR11		TXT11	
BL-V	21					PXT11		TXR11	
V-O	47		T8		LI*	TXT11		PXT11	
O-V	22		R8		LI	TXR11		PXR11	
V-G	48				LO	PXR12		TXT12	
G-V	23				LO*	PXT12		TXR12	
V-BR	49				LBACK2	TXT12		PXT12	
BR-V	24				LBACK1	TXR12		PXR12	
V-S	50								
S-V	25								

The wire colors in this chart apply only to B25A and A25B cables. H600-307 cable colors are not shown.

Job Aid

The following wire colors apply to this chart:

W	White	S	Slate (Grey)
BL	Blue	R	Red
O	Orange	BK	Black
G	Green	Y	Yellow
BR	Brown	V	Violet

The following abbreviations apply for all circuit packs unless otherwise noted

T,R	PBX transmit voice	T	Tip	(A)	Green
T1,R1	PBX receive voice	R	Ring	(B)	Red
M	PBX transmit signal	S	Sleeve		
E	PBX receive signal		PX	PBX transmit	
TX	Terminal transmit				
LI, LI*	Digital Trunk IN	LO, LO*	Digital Trunk OUT		

Lead and Color Designations

Cross-Connect Pin	Color	Amphenol Pin	Backplane Pin
1	W-BL	26	102
2	BL-W	01	002
3	W-O	27	103
4	O-W	02	003
5	W-G	28	104
6	G-W	03	004
7	W-BR	29	105
8	BR-W	04	005
9	W-SL	30	106
10	SL-W	05	006
11	R-BL	31	107
12	BL-R	06	007
13	R-O	32	108
14	O-R	07	008
15	R-G	33	109
16	G-R	08	009
17	R-BR	34	110
18	BR-R	09	010
19	R-SL	35	111
20	SL-R	10	011
21	BK-BL	36	112
22	BL-BK	11	012
23	BK-O	37	113
24	O-BK	12	013
25	BK-G	38	302
26	G-BK	13	202
27	BK-BR	39	303
28	BR-BK	14	203
29	BK-SL	40	304

Cross-Connect Pin	Color	Amphenol Pin	Backplane Pin
30	SL-BK	15	204
31	Y-BL	41	305
32	BL-Y	16	205
33	Y-O	42	306
34	O-Y	17	206
35	Y-G	43	307
36	G-Y	18	207
37	Y-BR	44	308
38	BR-Y	19	208
39	Y-SL	45	309
40	SL-Y	20	209
41	V-BL	46	310
42	BL-V	21	210
43	V-O	47	311
44	O-V	22	211
45	V-G	48	312
46	G-V	23	212
47	V-BR	49	313
48	BR-V	24	213
49	V-SL	50	300
50	SL-V	25	200

TN2185B ISDN-BRI 4-wire S Interface

Port	Signal	Cross-Connect Pin	Color	Amphenol Pin	Backplane Pin
1	TXT.1	1	W-BL	26	102
	TXR.1	2	BL-W	01	002
	PXT.1	3	W-O	27	103
	PXR.1	4	O-W	02	003
2	TXT.2	5	W-G	28	104
	TXR.2	6	G-W	03	004
	PXT.2	7	W-BR	29	105
	PXR.2	8	BR-W	04	005
3	TXT.3	9	W-SL	30	106
	TXR.3	10	SL-W	05	006
	PXT.3	11	R-BL	31	107
	PXR.3	12	BL-R	06	007
4	TXT.4	13	R-O	32	108
	TXR.4	14	O-R	07	008
	PXT.4	15	R-G	33	109
	PXR.4	16	G-R	08	009
5	TXT.5	17	R-BR	34	110
	TXR.5	18	BR-R	09	010
	PXT.5	19	R-SL	35	111
	PXR.5	20	SL-R	10	011
6	TXT.6	21	BK-BL	36	112
	TXR.6	22	BL-BK	11	012
	PXT.6	23	BK-O	37	113
	PXR.6	24	O-BK	12	013
7	TXT.7	25	BK-G	38	302
	TXR.7	26	G-BK	13	202
	PXT.7	27	BK-BR	39	303
	PXR.7	28	BR-BK	14	203

Port	Signal	Cross-Connect Pin	Color	Amphenol Pin	Backplane Pin
8	TXT.8	29	BK-SL	40	304
	TXR.8	30	SL-BK	15	204
	PXT.8	31	Y-BL	41	305
	PXR.8	32	BL-Y	16	205

TN2198 ISDN-BRI 2-wire U Interface

Port	Signal	Cross-Connect Pin	Color	Amphenol Pin	Backplane Pin
1	T.1	1	W-BL	26	102
	R.1	2	BL-W	01	002
2	T.2	3	W-O	27	103
	R.2	4	O-W	02	003
3	T.3	5	W-G	28	104
	R.3	6	G-W	03	004
4	T.4	7	W-BR	29	105
	R.4	8	BR-W	04	005
5	T.5	9	W-SL	30	106
	R.5	10	SL-W	05	006
6	T.6	11	R-BL	31	107
	R.6	12	BL-R	06	007
7	T.7	13	R-O	32	108
	R.7	14	O-R	07	008
8	T.8	15	R-G	33	109
	R.8	16	G-R	08	009
9	T.9	17	R-BR	34	110
	R.9	18	BR-R	09	010
10	T.10	19	R-SL	35	111
	R.10	20	SL-R	10	011
11	T.11	21	BK-BL	36	112
	R.11	22	BL-BK	11	012
12	T.12	23	BK-O	37	113
	R.12	24	O-BK	12	013

* Pins 25 and 50 are grounded by the backplane.

TN793B 24-Port Analog Line circuit pack

Port	Signal	Cross-Connect Pin	Color	Amphenol Pin	Backplane Pin
1	T.1	1	W-BL	26	102
	R.1	2	BL-W	01	002
2	T.2	3	W-O	27	103
	R.2	4	O-W	02	003
3	T.3	5	W-G	28	104
	R.3	6	G-W	03	004
4	T.4	7	W-BR	29	105
	R.4	8	BR-W	04	005
5	T.5	9	W-SL	30	106
	R.5	10	SL-W	05	006
6	T.6	11	R-BL	31	107
	R.6	12	BL-R	06	007
7	T.7	13	R-O	32	108
	R.7	14	O-R	07	008
8	T.8	15	R-G	33	109
	R.8	16	G-R	08	009
9	T.9	17	R-BR	34	110
	R.9	18	BR-R	09	010
10	T.10	19	R-SL	35	111
	R.10	20	SL-R	10	011
11	T.11	21	BK-BL	36	112
	R.11	22	BL-BK	11	012
12	T.12	23	BK-O	37	113
	R.12	24	O-BK	12	013
13	T.13	25	BK-G	38	302
	R.13	26	G-BK	13	202

Port	Signal	Cross-Connect Pin	Color	Amphenol Pin	Backplane Pin
14	T.14	27	BK-B R	39	303
	R.14	28	BR-B K	14	203
15	T.15	29	BK-SL	40	304
	R.15	30	SL-BK	15	204
16	T.16	31	Y-BL	41	305
	R.16	32	BL-Y	16	205
17	T.17	33	Y-O	42	306
	R.17	34	O-Y	17	206
18	T.18	35	Y-G	43	307
	R.18	36	G-Y	18	207
19	T.19	37	Y-BR	44	308
	R.19	38	BR-Y	19	208
20	T.20	39	Y-SL	45	309
	R.20	40	SL-Y	20	209
21	T.21	41	V-BL	46	310
	R.21	42	BL-V	21	210
22	T.22	43	V-O	47	311
	R.22	44	O-V	22	211
23	T.23	45	V-G	48	312
	R.23	46	G-V	23	212
24	T.24	47	V-BR	49	313
	R.24	48	BR-V	24	213

DS1 Interface Cable Pinouts

H600-307 cable pinout

50-Pin			15-Pin		
Pin	Color	Designation	Pin	Color	Designation
02	W-BL				
03	BL-W				
47	W-G	LI (High)	11	W-G	LI (High)
22	G-W	LI	03	G-W	LI
48	W-BR	LO	09	W-BR	LO
23	BR-W	LO (High)	01	BR	LO (High)
49	W-SL	LOOP2	06	W-SL	LOOP2
24	SL-W	LOOP1	05	SL-W	LOOP1

All other pins empty.

C6F cable pinout

Wire Color	Lead Designation	Pin Number
White/Green	LI* (High Side)	47
Green	LI	22
White/Brown	LO	48
Brown	LO* (High Side)	23
White/Slate	LBACK2	49
Slate	LBACK1	24

Port Circuit Pack and Telephone Pin Designations

Pin on Modular Plug	4-wire: 8400-Series, 606A1	2-wire: 302D, 8400-Series, 603E	8510T BRI (with adjunct speaker phone)	Analog Station, Modem	NT1
1	TXT				
2	TXR			T	
3	PXT		TXT	R	
4		T	PXR		T
5		R	PXT	No Connection 4-pin modular jack	R
6	PXR		TXR		
7	-48VDC	(-48VDC)	(-48VDC)		-48VDC
8	GRD	GRD	GRD		GRD
Circuit Pack	TN754 4-wire digital (8 port)	TN2181 2-wire digital (16 port) TN2224 2-wire digital (24 port)	TN556 ISDN-BRI Line	TN2183 Analog line (16 port)	TN2198 2-wire BRI line

PX PBX transmitT Tip (A)
 TX Terminal transmitRRing(B)

**Auxiliary Lead Appearances at AUX Connector
(MCC1 and SCC1 media gateways only)**

Color ¹	Pinouts	Output	Power
W-BL BL-W	26 1	Major ²	
W-O O-W	27 2	Minor*	
W-G G-W	28 3	GRD	
W-BR BR-W	29 4	GRD	
W-S S-W	30 5	GRD	
R-BL BL-R	31 6	GRD	
R-O O-R	32 7	GRD	
R-G G-R	33 8	Not Connected	
R-BR BR-R	34 9	Not Connected	
R-S S-R	35 10	Not Connected	

Color ¹	Pinouts	Output	Power	
BK-BL BL-BK	36 11	-48 GND	Emergency Transfer Relay Power	
BK-O O-BK	37 12	-48 GND		
BK-G G-BK	38 13	-48 GND		
BK-BR BR-BK	39 14	-48 GND		
BK-S S-BK	40 15	-48 GND		
Y-BL BL-Y	41 16	-48 GND		
Y-O O-Y	42 17	-48 GND		
Y-G G-Y	43 18	Not Connected		
Y-BR BR-Y	44 19	GND -48		AUX Power
Y-S S-Y	45 20	GND -48		
V-BL BL-V	46 21	GND -48		
V-O O-V	47 22	Not Connected		
V-G G-V	48 23	Ext Alarm A** Ext Alarm Return		
V-BR BR-V	49 24	Not Connected		
V-S S-V	50 25	INADS Tip INADS Ring		

- Color designation is the main wire color and the color of the stripe on the wire. The following wire colors apply:
W White; BL Blue; O Orange; G Green; BR Brown
S Slate (Grey); R Red; BK Black; Y Yellow; V Violet
- *External alarm with signal incoming to media server.
**External alarm with signal outgoing from media server.

External Alarm Connector Pinout

Pin	Designation	Definition
26	Not Used	
1	Not Used	
27	Not Used	
2	Not Used	
28	Not Used	
3	Not Used	
29	Not Used	
4	Not Used	
30	Not Used	
5	Not Used	
31	Not Used	
6	Not Used	
32	Not Used	
7	Not Used	
33	RFA2 +	Rectifier Failure (positive)
8	RFA2 -	Rectifier Failure (negative)
34	ACF2 +	AC Failure (positive)
9	ACF2 -	AC Failure (negative)
35	BIF2 +	Battery Interface Failure (positive)
10	BIF2 -	Battery Interface Failure (negative)
36	BOD2 +	Battery On Discharge (positive)
11	BOD2 -	Battery On Discharge (negative)
37	Not Used	
12	RXD	Receive Data
38	TXD	Transmit Data
13	DTR	Data Terminal Ready
39	RS-232 GRD	RS-232 Ground
14	DSR	Data Set Ready

Pin	Designation	Definition
40	RTS	Request To Send
15	Not Used	
41	Not Used	
16	Not Used	
42	Not Used	
17	Not Used	
43	Not Used	
18	Not Used	
44	Not Used	
19	Not Used	
45	Not Used	
20	Not Used	
46	Not Used	
21	Not Used	
47	Not Used	
22	Not Used	
48	Not Used	
23	Not Used	
49	Not Used	
24	Not Used	
50	Not Used	
25	Not Used	

Emergency Transer Panel to MDF Pinouts for 25-pair Connector

26	W-BL	TTC1	Tip-PBX Trunk Circuit 1
1	BL-W	RTC1	Ring-PBX Trunk Circuit 1
27	W-O	TTK1	Tip-CO Trunk Circuit 1
2	O-W	RTK1	Ring-CO Trunk Circuit 1
28	W-G	TLC1	Tip-PBX Line Port 1
3	G-W	RLC1	Ring-PBX Line Port 1
29	W-BR	TST1	Tip-Emergency Terminal 1
4	BR-W	RST1	Ring-Emergency Terminal 1
30	W-S	TTC2	Tip-PBX Trunk Circuit 2
5	S-W	RTC2	Ring-PBX Trunk Circuit 2
31	R-BL	TTK2	Tip-CO Trunk Circuit 2
6	BL-R	RTK2	Ring-CO Trunk Circuit 2
32	R-O	TLC2	Tip-PBX Line Port 2
7	O-R	RLC2	Ring-PBX Line Port 2
33	R-G	TST2	Tip-Emergency Terminal 2
8	G-R	RST2	Ring-Emergency Terminal 2
34	R-BR	TTC3	Tip-PBX Trunk Circuit 3
9	BR-R	RTC3	Ring-PBX Trunk Circuit 3
35	R-S	TTK3	Tip-CO Trunk Circuit 3
10	S-R	RTK3	Ring-CO Line Port 3
36	BK-BL	TLC3	Tip-PBX Line Port 3
11	BL-BK	RLC3	Ring-PBX Line Port 3
37	BK-O	TST3	Tip-Emergency Terminal 3
12	O-BK	RST3	Ring-Emergency Terminal 3
38	BK-G	TTC4	Tip-PBX Trunk Circuit 4
13	G-BK	RTC4	Ring-PBX Trunk Circuit 4
39	BK-BR	TTK4	Tip-CO Trunk Circuit 4
14	BR-BK	RTK4	Ring-CO Trunk Circuit 4

40	BK-S	TLC4	Tip-PBX Line Port 4
15	S-BK	RLC4	Ring-PBX Line Port 4
41	Y-BL	TST4	Tip-Emergency Terminal 4
16	BL-Y	RST4	Ring-Emergency Terminal 4
42	Y-O	TTC5	Tip-PBX Trunk Circuit 5
17	O-Y	RTC5	Ring-PBX Trunk Circuit 5
43	Y-G	TTK5	Tip-CO Trunk Circuit 5
18	G-Y	RTK5	Ring-CO Trunk Circuit 5
44	Y-BR	TLC5	Tip-PBX Line Port 5
19	BR-Y	RLC5	Ring-PBX Line Port 5
45	Y-S	TST5	Tip-Emergency Terminal 5
20	S-Y	RST5	Ring-Emergency Terminal 5
46	V-BL	COM1	Common 1 Relay Contact
21	BL-V	NO1	Normally Open 1 Contact
47	V-O	NC2	Normally Closed 2 Contact
22	O-V	NC1	Normally Closed 1 Contact
48	V-G	COM2	Common 2 Relay Contact
23	G-V	NO2	Normally Open 2 Contact
49	V-BR		
24	BR-V		
50	V-S	GRD	Ground from Aux Cable
25	S-V	-48PX	-48V from AUX Cable

TN799C/DP C-LAN Pinouts

Backplane Pin	25-Pair Wire Color	Lead Name	Peripheral Connector Pin
103	White/Orange	TD+	27
003	Orange/White	TD-	2
104	White/Green	RD+	28
004	Green/White	RD-	3

Pinouts for the Adapters for TN2302AP IP Media Processor and TN2501AP VAL

To RJ45 jack	From 50-pin plug	Function
1	32	TX+
2	7	TX-
3	44	RX+
4	18	GND
5	43	GND
6	19	RX-
7	45	GND
8	20	GND

TN2312AP IP Server Interface Adapter Pinouts

To RJ45 jack	From 50-pin plug	Function
1	43	TX+
2	18	TX-
3	44	RX+
6	19	RX-
	39*	FP-NBPSEL
	14*	GND
*pins are shorted on 50-pin plug		

