

25-Pair Color Coding/ISDN Contact Assignments RJ21X

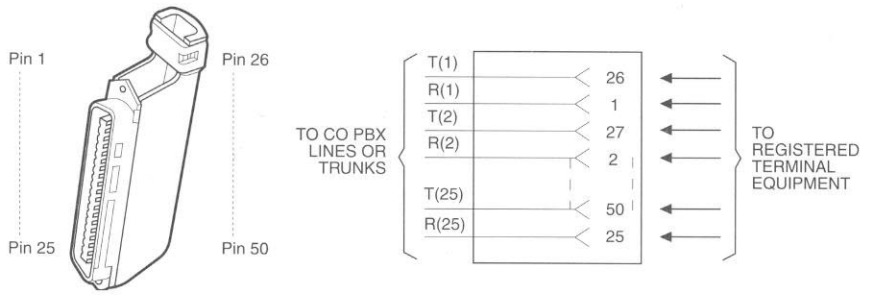
Wire Color	1 R	T 26	Wire Color
Blue/White	1 R	T 26	White/Blue
Orange/White	2 R	T 27	White/Orange
Green/White	3 R	T 28	White/Green
Brown/White	4 R	T 29	White/Brown
Slate/White	5 R	T 30	White/Slate
Blue/Red	6 R	T 31	Red/Blue
Orange/Red	7 R	T 32	Red/Orange
Green/Red	8 R	T 33	Red/Green
Brown/Red	9 R	T 34	Red/Brown
Slate/Red	10 R	T 35	Red/Slate
Blue/Black	11 R	T 36	Black/Blue
Orange/Black	12 R	T 37	Black/Orange
Green/Black	13 R	T 38	Black/Green
Brown/Black	14 R	T 39	Black/Brown
Slate/Black	15 R	T 40	Black/Slate
Blue/Yellow	16 R	T 41	Yellow/Blue
Orange/Yellow	17 R	T 42	Yellow/Orange
Green/Yellow	18 R	T 43	Yellow/Green
Brown/Yellow	19 R	T 44	Yellow/Brown
Slate/Yellow	20 R	T 45	Yellow/Slate
Blue/Violet	21 R	T 46	Violet/Blue
Orange/Violet	22 R	T 47	Violet/Orange
Green/Violet	23 R	T 48	Violet/Green
Brown/Violet	24 R	T 49	Violet/Brown
Slate/Violet	25 R	T 50	Violet/Slate
Not Used			

Electrical Network Connection | From 1 to 25 single or multiple-pair circuits bridged to the network or other connected equipment.

Mechanical Arrangement | Circuits are provided on numbered tip and ring positions on a miniature 50-pin ribbon telco connector (Amphenol-type). Pins 1 (ring) and 26 (tip) are considered position 1. Pins 2 (ring) and 27 (tip) of the ribbon connector are position 2. This pairing continues through twenty-five pairs.

Typical Usage | Many key and PBX systems specify the RJ21X, or 'Amphenol-type' as the network interface device. Many of these systems also use the RJ21X as a connector for stations or telephone sets, wired from the KSU or PBX Main Distribution Frame.

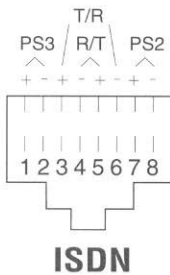
Many Leviton connectors can be used for the RJ21X configuration where 'intermixing' is permitted. Substitution of these special connectors is often both economical and practical. Contact Leviton Voice & Data Division Applications Engineering for information about versions to meet your requirements.



Note: Sometimes an RJ11 or RJ14C can be installed in place of an RJ21X. While many smaller systems that require only a few lines may show the RJ21X as the 'official' connector required under registration, less complex connectors such as the RJ11 or RJ14C can often be specified (perhaps in multiples). If the system requires only a few lines but the RJ21X is specified on the registration label, under FCC Part 68 you may specify the RJ11C, RJ14C, RJ25C, or RJ61X instead.

Amphenol Connection

ISDN Assignment of Contact Numbers as Specified by ISO Document 8877: 1987 (E)



CONTACT ASSIGNMENTS FOR PLUGS AND JACKS			
CONTACT NUMBER	TE	NT	POLARITY
1	Power source 3	Power sink 3	+
2	Power source 3	Power sink 3	-
3	Transmit	Receive	+
4	Receive	Transmit	-
5	Receive	Transmit	+
6	Transmit	Receive	-
7	Power sink 2	Power source 2	+
8	Power sink 2	Power source 2	-

Note: For use in TE to TE interconnections, power source/sink 3 shall conform to the requirements specified in CCITT recommendation 1.430, section 9.2 for power source/sink 2.