

Hughes Telco connectors are suited for use in all areas of the telecommunications industry, data signalling, test equipment, business machines, telemetering, and the security industry. The 50 Pin (25Pair) Telco connectors are also known in the industry as 'RJ21', 'BT226' or Amphenol connectors.

Telco Connectors

Hughes Telco connectors are intermateable and interchangeable with existing connectors of a similar design with a standard RJ 21 interface.

The Gold plated Phosphor Bronze Insulation Displacement Connections (IDC) provide a gas tight fit for cables with 24-26 AWG conductor size and can be terminated with a simple hand tool or AMP style fly press.

Hughes Part Number		Description
Male	Female	
02-2T61410013	02-2T62410013	24 Way Telco
02-2T924100	02-2T914100	36 Way Telco
02-2TC24000	02-2TC14000	50 Way Telco
02-2TD24000	02-2TD14000	64 Way Telco



Electrical:

Current Rating: 5 AMP Continuous

Voltage: 150V AC

Insulator Resistance: 100M Ohm min.

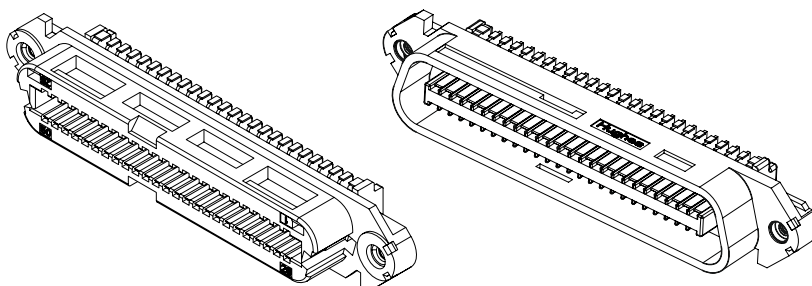
Mechanical & Environmental:

Temperature: -44 deg. C to +70 deg. C

Material:

Pin: Contact: 30 Micron inches Gold over Phosphor Bronze

Shell: Thermoplastic



Telco Hoods/ Covers

Hughes Telco hoods are available as straight (180 degrees) and right angle (90 degrees). 180 degree hoods are easy assembly 2 part 'snap together' style. 90 degree hoods are monocoque with an equally simple 'slide on' assembly style. Matching accessories include Snap-On and Slide-On Strain Relief Covers.

Hughes Part Number		Description
90 Degree	180 Degree	
02-3132112311	02-3130112311	24 Way Telco Hood / Cover
02-319211	02-319111	36 Way Telco Hood / Cover
02-31C211	02-31C111	50 Way Telco Hood / Cover
02-31D211	02-31D111	64 Way Telco Hood / Cover

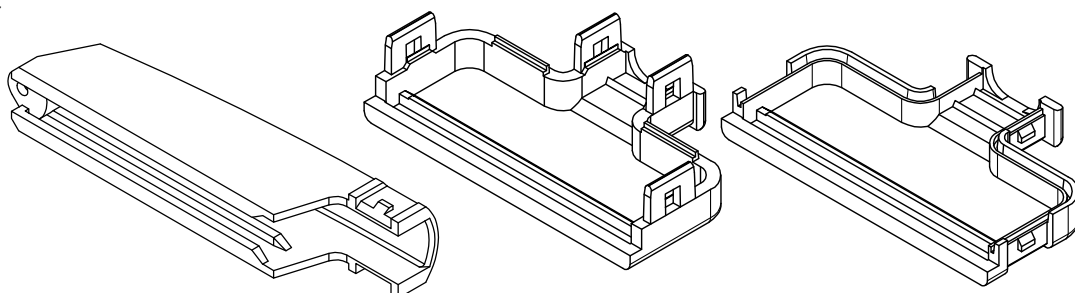


Mechanical & Environmental:

Temperature: -44 deg. C to +70 deg. C

Material:

Shell: Thermoplastic



Telco Panels

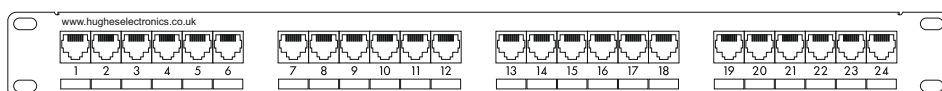
Plug and Play voice panels designed by Hughes Electronics save precious termination time and eliminate troubleshooting. Supplied with any type of cable assembly for any digital and analogue PABX system

Hughes Part Number	Description
Patch Panels	
37-111244112/1	24 port CAT3 Telco Panel
37-131245132/3	24 Port CAT5 Telco Panel

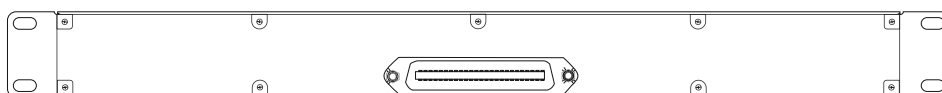


RJ 45		Telco Plug	
Port Number	Pin number	Pin number	
1	4	26	
	5	1	
2	4	27	
	5	2	
3	4	28	
	5	3	
4	4	29	
	5	4	
5	4	30	
	5	5	
6	4	31	
	5	6	
7	4	32	
	5	7	
8	4	33	
	5	8	
9	4	34	
	5	9	
10	4	35	
	5	10	
11	4	36	
	5	11	
12	4	37	
	5	12	

RJ 45		Telco Plug	
Port Number	Pin number	Pin number	
13	4	38	
	5	13	
14	4	39	
	5	14	
15	4	40	
	5	15	
16	4	41	
	5	16	
17	4	42	
	5	17	
18	4	43	
	5	18	
19	4	44	
	5	19	
20	4	45	
	5	20	
21	4	46	
	5	21	
22	4	47	
	5	22	
23	4	48	
	5	23	
24	4	49	
	5	24	



front profile



back profile

Telco Assemblies

Hughes Standard Telco leads are made with right angled or Straight Telco connectors on LSF CW1308 cable. However, any variation of hood orientation or cable upgrade to CAT5 is possible. All cables are made to order and are tested for continuity and performance.

Hughes Part Number	Description
Cable Assemblies	
25-7151151221/XX	Male to Male 90 Degree Telco Lead
25-7151153221/XX	Male to Female 90 Degree Telco Lead
25-7153153221/XX	Female to Female 90 Degree Telco Lead
25-7151151111/XX	Male to Male 180 Degree Telco Lead
25-7151153111/XX	Male to Female 180 Degree Telco Lead
25-7153153111/XX	Female to Female 180 Degree Telco Lead

XX replace with Length required i.e 01 for 1M



Hughes in-house manufacturing facility located in Central London can design and manufacture any cable assembly required. All cables are tested and conform to all relevant standards. Please call our sales team with your specific requirement.