

U.S. Patent No. 11,495,898 Claim Limitation Comparison Chart

I. LIMITATIONS [9B1]-[9B4]

Ref	Limitation	Ref	Corresponding limitation
9B1	edge connector traces arranged along a first edge for contacting electrical conductors when the connector is inserted in a socket;	1A	edge connector traces arranged along a first edge for contacting electrical conductors in a socket connector;
9B2	an outer set of electrodes arranged parallel to a second edge for attaching unsheathed ends of some of the sheathed wires;	1B	an outer set of electrodes arranged parallel to a second edge for attaching exposed ends of sheathed wires in a cable (“outer wires”);
9B3	and an inner set of electrodes arranged parallel to the second edge for attaching unsheathed ends of others of the sheathed wires,	1C	and an inner set of electrodes arranged parallel to the second edge for attaching exposed ends of sheathed wires in a cable (“inner wires”),
9B4	with the electrodes in the inner set being staggered relative to the electrodes in the outer set.	1D	with the electrodes in the inner set being staggered relative to the electrodes in the outer set.

II. LIMITATIONS [16A1]-[16A4]

Ref	Limitation	Ref	Corresponding limitation
16A1	edge connector traces arranged along a first edge for contacting electrical conductors when the printed circuit board is inserted in a matching socket;	1A	edge connector traces arranged along a first edge for contacting electrical conductors in a socket connector;
16A2	an outer set of electrodes arranged parallel to a second edge for attaching unsheathed ends of certain sheathed wires in a cable;	1B	an outer set of electrodes arranged parallel to a second edge for attaching exposed ends of sheathed wires in a cable (“outer wires”);
16A3	and an inner set of electrodes arranged parallel to the second edge for attaching unsheathed ends of other sheathed wires in the cable,	1C	and an inner set of electrodes arranged parallel to the second edge for attaching exposed ends of sheathed wires in a cable (“inner wires”),
16A4	with the electrodes in the inner set being staggered relative to the electrodes in the outer set;	1D	with the electrodes in the inner set being staggered relative to the electrodes in the outer set.

III. CLAIMS 12, 19

Ref	Limitation	Ref	Corresponding limitation
Claim 12	The cable of claim 9, wherein each printed circuit board further comprises one or more recesses in the at least one surface between the second edge and the outer set of electrodes to accommodate sheathes of the sheathed wires attached to the outer set of electrodes.	[4B]	and wherein the printed circuit board further comprises one or more recesses in the at least one surface along each outer wire sheath's path between the second edge and the outer set of electrodes.
		Claim 7	The printed circuit board of claim 4, wherein each of the one or more recesses is deep enough to accommodate the given thickness of the sheath, enabling each of the exposed ends of the outer wires to contact the electrodes in the outer set while remaining parallel to the at least one surface.
Claim 19	The method of claim 18, wherein each printed circuit board further comprises one or more recesses in the at least one surface between the second edge and the outer set of electrodes to accommodate sheathes of the sheathed wires attached to the outer set of electrodes, each of the recesses being deep enough to accommodate a full thickness of the sheath near the unsheathed end.	[4B]	and wherein the printed circuit board further comprises one or more recesses in the at least one surface along each outer wire sheath's path between the second edge and the outer set of electrodes.
		Claim 7	The printed circuit board of claim 4, wherein each of the one or more recesses is deep enough to accommodate the given thickness of the sheath, enabling each of the exposed ends of the outer wires to contact the electrodes in the outer set while remaining parallel to the at least one surface.

IV. CLAIMS 13-15

Ref	Limitation	Ref	Corresponding limitation
Claim 13	The cable of claim 12, wherein the one or more recesses each accommodates sheathes of multiple sheathed wires.	Claim 5	The printed circuit board of claim 4, wherein the one or more recesses each accommodates sheathes of multiple outer wires.
Claim 14	The cable of claim 12, wherein each sheathed wire attached to the outer set of electrodes has a corresponding one of the one or more recesses.	Claim 6	The printed circuit board of claim 4, wherein each outer wire has a corresponding one of the one or more recesses.
Claim 15	The cable of claim 12, wherein each of the one or more recesses is deep enough to accommodate a full thickness of the sheath near the unsheathed end, enabling each of the unsheathed ends of the wires attached to the outer set of electrodes to contact those electrodes while remaining parallel to the at least one surface.	Claim 7	The printed circuit board of claim 4, wherein each of the one or more recesses is deep enough to accommodate the given thickness of the sheath, enabling each of the exposed ends of the outer wires to contact the electrodes in the outer set while remaining parallel to the at least one surface.

V. CLAIM 20

Ref	Limitation	Ref	Corresponding limitation
Claim 20	The method of claim 19, wherein each sheathed wire attached to the outer set of electrodes has a corresponding one of the one or more recesses.	Claim 6	The printed circuit board of claim 4, wherein each outer wire has a corresponding one of the one or more recesses.