

UTS Series



Cable assembly

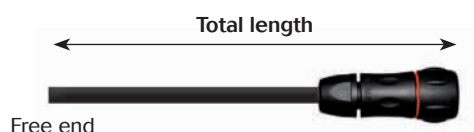
Souriau provides connectors in various applications for more than 90 years in the most extreme environment.

Being conscious about the difficulty to find a quick and a reliable harness manufacturer, we decided years ago to start in house cable assembly production. It allows customers to reduce the number of suppliers, and to take advantage of the "best in class" quality of the Souriau group. Overmoulding is a process that further enhances the sealing properties of the UTS range, especially over many years of use. Overmoulding provides the opportunity to change the cable exit from straight through 90 degrees and avoid any stress on the cable terminated to the connector. Also, as the wires are encapsulated inside the moulding, a barrier is created which prevents from any liquid from entering the equipment through the connector if the cable jacket is breached.

In this section you'll find standard cable sets but as all customers are unique we are happy to adapt our proposal to your specific needs on demand.

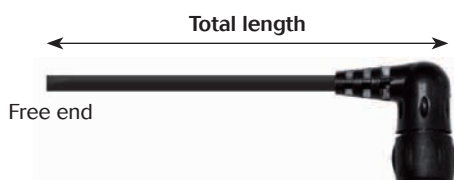
Harnesses

Standard harnesses



Connector type	Backshell type	Gender	Connector size	Part number		
				1m of cable	3m of cable	5m of cable
UTS standard	Straight	Male	10 to 18	HAUTS - - PSTR100	HAUTS - - PSTR300	HAUTS - - PSTR500
		Female		HAUTS - - SSTR100	HAUTS - - SSTR300	HAUTS - - SSTR500
UTS Hi seal	Straight	Male	8 to 14	HAUTS - E - PSTR100	HAUTS - E - PSTR300	HAUTS - E - PSTR500
		Female		HAUTS - E - SSTR100	HAUTS - E - SSTR300	HAUTS - E - SSTR500

Overmoulded harnesses



Connector type	Backshell type	Gender	Connector size	Part number		
				1m of cable	3m of cable	5m of cable
UTS standard	Straight	Male	10 to 18	HAUTSOV - - PSTR100	HAUTSOV - - PSTR300	HAUTSOV - - PSTR500
		Female		HAUTSOV - - SSTR100	HAUTSOV - - SSTR300	HAUTSOV - - SSTR500
	90°	Male		HAUTSOV - - PRA100	HAUTSOV - - PRA300	HAUTSOV - - PRA500
		Female		HAUTSOV - - SRA100	HAUTSOV - - SRA300	HAUTSOV - - SRA500
UTS Hi seal	Straight	Male	8 to 14	HAUTSOV - E - PSTR100	HAUTSOV - E - PSTR300	HAUTSOV - E - PSTR500
		Female		HAUTSOV - E - SSTR100	HAUTSOV - E - SSTR300	HAUTSOV - E - SSTR500
	90°	Male		HAUTSOV - E - PRA100	HAUTSOV - E - PRA300	HAUTSOV - E - PRA500
		Female		HAUTSOV - E - SRA100	HAUTSOV - E - SRA300	HAUTSOV - E - SRA500

Other lengths and configurations: on demand, see factory

Note: UTS standard necessarily with gold plated stamped & formed contacts

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Cable information

Range of temperature:	Occasional flexing: -5°C up to +70°C Fixed installation: -40°C up to +80°C
Rated voltage:	U0/U: 300/500 V
Wire section :	Arrangement with #16 contact: wire section 1.5 mm ² Arrangement with #20 contact: wire section 0.5 mm ²

Cable selection

Connector type		Number and size of wires	Cable used	
Shell size	Arrangement for UTS standard		Type	Harmonised reference
8	8E2	2 #20	2X0.5	H05 VV - F 2X0.5
	8E3; 8E3A; 8E33	3 #20	3X0.5	H05 VV - F 3X0.5
	8E4	4 #20	4X0.5	H05 VV - F 4X0.5
10	103PE	3 #16	3G1.5	H05 VV - F 3G1.5
	103	3 #16	3X1.5	H05 VV - F 3X1.5
	104	4 #16	4X1.5	H05 VV - F 4X1.5
	106; 1098	6 #20	7X0.5	H05 VV - F 7X0.5
	10E7	7 #20	7X0.5	H05 VV - F 7X0.5
12	12E2	2 #16	2X1.5	H05 VV - F 2X1.5
	12E3	3 #16	3X1.5	H05 VV - F 3X1.5
	124PE	4 #16	4G1.5	H05 VV - F 4G1.5
	128	8 #16	8X1.5	H05 VV - F 8X1.5
	12E8	8 #20	10G0.5	H05 VV - F 10G0.5
	1210	10 #20	10G0.5	H05 VV - F 10G0.5
	1214	14 #20	14G0.5	H05 VV - F 14G0.5
14	14E2	3 #8	3G10	H05 VV - F 3G10
	147PE	7 #16	7G1.5	H05 VV - F 7G1.5
	1412	12 #16	12X1.5	H05 VV - F 12X1.5
	14E12	8 #20; 4 #16	12G0.5	H05 VV - F 12G0.5
	14E15	14 #20; 1 #16	18G0.5	H05 VV - F 18G0.5
	14E18	18 #20	18G0.5	H05 VV - F 18G0.5
	1419	19 #20	21G0.5	H05 VV - F 21G0.5
18	18E11	11 #16	12X1.5	H05 VV - F 12X1.5
	1823	23 #16	25G1	H05 VV - F 25G1.5
	18E30	29 #20; 1 #16	30G0.5	H05 VV - F 30G0.5
	1832	32 #20	35G0.5	H05 VV - F 35G0.5

bits series.

