



# FLEX-GY.PUR/UL20233

## 工业设备用拖链电缆

### Description:

- Rated temperature: 80°C. Rated voltage: 300 volts
- Standard: UL 758 – 20233 (80oC 300v)
- Inner conductor VDE 0295 class 6/IEC 60228 class 6 stranded studded copper conductor
- ETFE insulated/PUR sheath
- Collection Each layer is specially adjusted, with yellow/green ground protection lines located on the outermost layer
- Withstand voltage AC 2 KV/min insulation resistance 20MΩ•Km
- High flexibility, wear resistance, drag resistance, oil resistance

### Application:

Mainly used for machine tools, robot system integration, industrial automation  
In equipment such as chemical equipment, the power transmission cable used for the reciprocating movement of the e-chain® for a long time

### Construction:

### 说明:

- 额定温度: 80°C 额定电压: 300V
- 标准: UL 758 – 20233 (80oC 300v)
- 内导体 VDE 0295 class 6/IEC60228class6类多股绞合镀锡
- ETFE 绝缘/PUR 护套
- 集合 每层均经过特殊调整, 黄/绿接地保护线位于最外层
- 耐电压 AC 2 KV / min 绝缘电阻 20MΩ•Km
- 高柔性、耐磨损、耐拖拽、耐油污

### 应用:

主要用于机床、机器人系统集成、工业自动化等设备中, 长期处于拖链往复运动用的动力传输电缆

### 构造:



Part No 产品编号	No. of Core 产品规格	Inner conductor structure 内导体结构 (No. /mm)	Insulation diameter 绝缘直径 (0mm)	Approximate cable diameter 电缆近似直径 (0mm)	内导体直流电阻 Max. Ω /km@20 o C
FLEX-GY.PUR.03.05.PUR	3x0.5mm2 (20AWG)	105/0.0	1.65	5.4	37.4
FLEX-GY.PUR.04.05.PUR	4x0.5mm2 (20AWG)	105/0.0	1.65	5.8	37.4
FLEX-GY.PUR.06.05.PUR	6x0.5mm2 (20AWG)	105/0.0	1.65	6.9	37.4
FLEX-GY.PUR.08.05.PUR	8x0.5mm2 (20AWG)	105/0.0	1.65	8.2	37.4
FLEX-GY.PUR.09.05.PUR	9x0.5mm2 (20AWG)	105/0.0	1.65	9	37.4
FLEX-GY.PUR.12.05.PUR	12x0.5mm2 (20AWG)	105/0.0	1.65	10.7	37.4
FLEX-GY.PUR.075.PUR	3x0.75mm2 (19AWG)	154/0.08	1.9	5.9	29.5
FLEX-GY.PUR.04.075.PUR	4x0.75mm2 (19AWG)	154/0.08	1.9	6.4	29.5
FLEX-GY.PUR.06.075.PUR	6x0.75mm2 (19AWG)	154/0.08	1.9	7.6	29.5
FLEX-GY.PUR.08.075.PUR	8x0.75mm2 (19AWG)	154/0.08	1.9	9	29.5
FLEX-GY.PUR.09.075.PUR	9x0.75mm2 (19AWG)	154/0.08	1.9	40	29.5
FLEX-GY.PUR.12.075.PUR	12x0.75mm2 (19AWG)	154/0.08	1.9	12.2	29.5
FLEX-GY.PUR.03.10.PUR	3x1.0mm2 (18AWG)	210/0.08	2.2	6.6	23.5
FLEX-GY.PUR.04.10.PUR	4x1.0mm2 (18AWG)	210/0.08	2.2	7.3	23.5
FLEX-GY.PUR.04.10.PUR	6x1.0mm2 (18AWG)	210/0.08	2.2	8.6	23.5
FLEX-GY.PUR.08.10.PUR	8x1.0mm2 (18AWG)	210/0.08	2.2	10.2	23.5
FLEX-GY.PUR.09.10.PUR	9x1.0mm2 (18AWG)	210/0.08	2.2	11.3	23.5
FLEX-GY.PUR.12.10.PUR	12x1.0mm2 (18AWG)	210/0.08	2.2	14	23.5
FLEX-GY.PUR.03.15.PUR	3x1.5mm2 (16AWG)	301/0.08	2.5	7.2	14.6
FLEX-GY.PUR.04.15.PUR	4x1.5mm2 (16AWG)	301/0.08	2.5	8	14.6
FLEX-GY.PUR.06.15.PUR	6x1.5mm2 (16AWG)	301/0.08	2.5	9.5	14.6
FLEX-GY.PUR.08.15.PUR	8x1.5mm2 (16AWG)	301/0.08	2.5	11.4	14.6
FLEX-GY.PUR.09.15.PUR	9x1.5mm2 (16AWG)	301/0.08	2.5	12.7	14.6
FLEX-GY.PUR.12.15.PUR	12x1.5mm2 (16AWG)	301/0.08	2.5	16.1	14.6

备注: 1) 四芯线的颜色还有红、白、黑、黄/绿可选择, 多芯线可选择不同颜色, 参照 DIN47100;  
2) 不限与上述所列规格, 其它规格可以根据客户要求定制



# FLEX-GYS.PUR/UL20233

## 工业设备用拖链电缆

### Description:

- Rated temperature: 80°C. Rated voltage: 300volts
- Standard: UL 758 - 20233 (80oC 300V)
- Internal conductor VDE0295class 6/IEC 60228 class Class 6 stranded studded copper conductor
- ETFE insulated/PUR sheath
- Shielding Tinned copper wire braided [density: 85%], non-woven package
- Withstand voltage AC 2 KV/min insulation resistance 20MΩ•Km
- Flame retardant VW-1 IEC60332-1
- High flexibility, wear resistance, drag resistance, oil resistance

### Application:

For general purpose internal wiring of electronic and electrical equipment,

### Construction:

### 说明:

- 额定温度：80℃ 额定电压：
- 标准：UL 758 - 20233 (80oC 300V)
- 内导体VDE0295class 6/IEC 60228class 6 类多股绞合镀锡铜导体
- ETFE 绝缘/PUR 护套
- 屏蔽 镀锡铜丝编织[密度：85%]，无纺布包
- 耐电压 AC 2 KV / min 绝缘电阻 20MΩ•Km
- 阻燃性能 VW-1 IEC60332-1
- 高柔性、耐磨损、耐拖拽、耐油污

### 应用:

用于一般电子、电器设备内部连线

### 构造:



Part No 产品编号	No. of Core 产品规格	Inner conductor structure 内导体结构 (No. /mm)	Insulation diameter 绝缘直径 (0mm)	Approximate cable diameter 电缆近似直径 (0mm)	内导体直流电阻 Max. Ω /km@20o C
FLEX-GYS.PUR.03.05.PUR	3x0.5mm2 (20AWG)	105/0.08	1.65	5.9	37.4
FLEX-GYS.PUR.04.05.PUR	4x0.5mm2 (20AWG)	105/0.08	1.65	6.3	37.4
FLEX-GYS.PUR.06.05.PUR	4x0.5mm2 (20AWG)	105/0.08	1.65	7.4	37.4
FLEX-GYS.PUR.08.05.PUR	8x0.5mm2 (20AWG)	105/0.08	1.65	8.8	37.4
FLEX-GYS.PUR.09.05.PUR	9x0.5mm2 (20AWG)	105/0.08	1.65	9.6	37.4
FLEX-GYS.PUR.12.05.PUR	9x0.5mm2 (20AWG)	105/0.08	1.65	11.2	37.4
FLEX-GYS.PUR.03.075.PUR	3x0.75mm2 (19AWG)	154/0.08	1.9	6.4	29.5
FLEX-GYS.PUR.04.075.PUR	4x0.75mm2 (19AWG)	154/0.08	1.9	6.9	29.5
FLEX-GYS.PUR.06.075.PUR	6x0.75mm2 (19AWG)	154/0.08	1.9	8.1	29.5
FLEX-GYS.PUR.08.075.PUR	8x0.75mm2 (19AWG)	154/0.08	1.9	9.6	29.5
FLEX-GYS.PUR.09.075.PUR	9x0.75mm2 (19AWG)	154/0.08	1.9	10.6	29.5
FLEX-GYS.PUR.12.075.PUR	12x0.75mm2 (19AWG)	154/0.08	1.9	12.8	29.5
FLEX-GYS.PUR.03.10.PUR	3x1.0mm2 (18AWG)	210/0.08	2.2	7.1	23.5
FLEX-GYS.PUR.04.10.PUR	4x1.0mm2 (18AWG)	210/0.08	2.2	7.8	23.5
FLEX-GYS.PUR.06.10.PUR	6x1.0mm2 (18AWG)	210/0.08	2.2	9.2	23.5
FLEX-GYS.PUR.08.10.PUR	8x1.0mm2 (18AWG)	210/0.08	2.2	10.8	23.5
FLEX-GYS.PUR.09.10.PUR	9x1.0mm2 (18AWG)	210/0.08	2.2	11.9	23.5
FLEX-GYS.PUR.12.10.PUR	12x1.0mm2 (18AWG)	210/0.08	2.2	14.6	23.5
FLEX-GYS.PUR.03.15.PUR	3x1.5mm2 (16AWG)	301/0.08	2.5	7.7	14.6
FLEX-GYS.PUR.04.15.PUR	4x1.5mm2 (16AWG)	301/0.08	2.5	8.6	14.6
FLEX-GYS.PUR.06.15.PUR	6x1.5mm2 (16AWG)	301/0.08	2.5	10.1	14.6
FLEX-GYS.PUR.08.15.PUR	8x1.5mm2 (16AWG)	301/0.08	2.5	12	14.6
FLEX-GYS.PUR.09.15.PUR	9x1.5mm2 (16AWG)	301/0.08	2.5	13.5	14.6
FLEX-GYS.PUR.12.15.PUR	12x1.5mm2 (16AWG)	301/0.08	2.5	16.5	14.6

备注：1) 四芯线的颜色还有红、白、黑、黄/绿可选择，多芯线可选择不同颜色，参照 DIN47100；  
2) 不限与上述所列规格，其它规格可以根据客户要求定制



# FLEX-GY2.PUR/UL20939

## 工业设备用拖链电缆

### ■ Description:

- Rated temperature: 80°C. Rated voltage: 600 volts
- Standard: UL 758 – 20939 (80°C 600V)
- Internal conductor VDE 0295 class 6/IEC 60228 class 6 stranded tinned copper conductor
- ETFE insulated/PUR sheath
- Collection Each floor has been specially adjusted, with the yellow/green ground protection line located on the outermost
- Withstand voltage AC 2 KV/min insulation resistance 20MΩ·Km
- Flame retardant VW-1IEC60332-1

### ■ Application:

It is mainly used for machine tools, robot system integration, industrial automation and other equipment, and has long been a power transmission cable for the reciprocating movement of the e-chain® for a long time

### ■ Construction:

### ■ 说明:

- 额定温度: 80°C 额定电压: 600V
- 标准: UL 758 – 20939 (80°C 600V)
- 内导体 VDE 0295 class 6/IEC 60228 class 6 类多股绞合
- ETFE 绝缘/PUR 护套
- 集合 每层均经过特殊调整, 黄/绿接地保护线位于最外
- 耐电压 AC 2 KV / min 绝缘电阻 20MΩ·Km
- 阻燃性能 VW-1IEC60332-1

### ■ 应用:

主要用于机床、机器人系统集成、工业自动化等设备中, 长期处于拖链往复运动用的动力传输电缆

### ■ 构造:





# FLEX-GY2.PUR/UL20939

## 工业设备用拖链电缆

Part No 产品编号	No. of Core 产品规格	Inner conductor structure 内导体结构 (No./mm)	Insulation diameter 绝缘直径 (Ømm)	Approximate cable diameter 电缆近似直径 (Ømm)	内导体直流电阻 Max. Ω/km@20o C
FLEX-GY2.PUR.03.05.PUR	3x0.5mm <sup>2</sup> (20AWG)	105/0.08	1.75	5.5	37.4
FLEX-GY2.PUR.04.05.PUR	4x0.5mm <sup>2</sup> (20AWG)	105/0.08	1.75	6	37.4
FLEX-GY2.PUR.06.05.PUR	6x0.5mm <sup>2</sup> (20AWG)	105/0.08	1.75	7.1	37.4
FLEX-GY2.PUR.08.05.PUR	8x0.5mm <sup>2</sup> (20AWG)	105/0.08	1.75	8.4	37.4
FLEX-GY2.PUR.09.05.PUR	9x0.5mm <sup>2</sup> (20AWG)	105/0.08	1.75	9.4	37.4
FLEX-GY2.PUR.12.05.PUR	12x0.5mm <sup>2</sup> (20AWG)	105/0.08	1.75	11.5	37.4
FLEX-GY2.PUR.03.075.PUR	3x0.75mm <sup>2</sup> (19AWG)	154/0.08	2	6.1	29.5
FLEX-GY2.PUR.04.075.PUR	4x0.75mm <sup>2</sup> (19AWG)	154/0.08	2	6.6	29.5
FLEX-GY2.PUR.06.075.PUR	8x0.75mm <sup>2</sup> (19AWG)	154/0.08	2	7.9	29.5
FLEX-GY2.PUR.08.075.PUR	8x0.75mm <sup>2</sup> (19AWG)	154/0.08	2	9.4	29.5
FLEX-GY2.PUR.09.075.PUR	9x0.75mm <sup>2</sup> (19AWG)	154/0.08	2	10.4	29.5
FLEX-GY2.PUR.12.075.PUR	12x0.75mm <sup>2</sup> (19AWG)	154/0.08	2	12.7	29.5
FLEX-GY2.PUR.03.10.PUR	3x1.0mm <sup>2</sup> (18AWG)	210/0.08	2.3	6.8	23.5
FLEX-GY2.PUR.04.10.PUR	4x1.0mm <sup>2</sup> (18AWG)	210/0.08	2.3	7.5	23.5
FLEX-GY2.PUR.06.10.PUR	6x1.0mm <sup>2</sup> (18AWG)	210/0.08	2.3	9	23.5
FLEX-GY2.PUR.08.10.PUR	8x1.0mm <sup>2</sup> (18AWG)	210/0.08	2.3	10.8	23.5
FLEX-GY2.PUR.09.10.PUR	9x1.0mm <sup>2</sup> (18AWG)	210/0.08	2.3	12.1	23.5
FLEX-GY2.PUR.12.10.PUR	12x1.0mm <sup>2</sup> (18AWG)	210/0.08	2.3	14.7	23.5
FLEX-GY2.PUR.0315.PUR	9x1.5mm <sup>2</sup> (16AWG)	301/0.08	2.7	7.6	14.6
FLEX-GY2.PUR.04.15.PUR	9x1.5mm <sup>2</sup> (16AWG)	301/0.08	2.7	8.4	14.6
FLEX-GY2.PUR.06.15.PUR	9x1.5mm <sup>2</sup> (16AWG)	301/0.08	2.7	10.2	14.6
FLEX-GY2.PUR.08.15.PUR	9x1.5mm <sup>2</sup> (16AWG)	301/0.08	2.7	12.3	14.6
FLEX-GY2.PUR.09.15.PUR	9x1.5mm <sup>2</sup> (16AWG)	301/0.08	2.7	13.7	14.6
FLEX-GY2.PUR.12.15.PUR	12x1.5mm <sup>2</sup> (16AWG)	301/0.08	2.7	17.1	14.6
FLEX-GY2.PUR.03.25.PUR	4x2.5mm <sup>2</sup> (14AWG)	504/0.08	3.3	9.2	9.15
FLEX-GY2.PUR.04.25.PUR	4x2.5mm <sup>2</sup> (14AWG)	504/0.08	3.3	10	9.15
FLEX-GY2.PUR.06.25.PUR	6x2.5mm <sup>2</sup> (14AWG)	504/0.08	3.3	12.2	9.15
FLEX-GY2.PUR.08.25.PUR	8x2.5mm <sup>2</sup> (14AWG)	504/0.08	3.3	14.9	9.15
FLEX-GY2.PUR.09.25.PUR	9x2.5mm <sup>2</sup> (14AWG)	504/0.08	3.3	16.4	9.15
FLEX-GY2.PUR.12.25.PUR	12x2.5mm <sup>2</sup> (14AWG)	504/0.08	3.3	20.5	9.15
FLEX-GY2.PUR.03.40.PUR	3x4mm <sup>2</sup> (12AWG)	518/0.10	4	10.7	5.75
FLEX-GY2.PUR.04.40.PUR	4x4mm <sup>2</sup> (12AWG)	518/0.10	4	12	5.75
FLEX-GY2.PUR.06.40.PUR	6x4mm <sup>2</sup> (12AWG)	518/0.10	4	14.8	5.75
FLEX-GY2.PUR.08.40.PUR	8x4mm <sup>2</sup> (12AWG)	518/0.10	4	17.9	5.75
FLEX-GY2.PUR.09.40.PUR	12x4mm <sup>2</sup> (12AWG)	518/0.10	4	19.7	5.75
FLEX-GY2.PUR.12.40.PUR	12x4mm <sup>2</sup> (12AWG)	518/0.10	4	25	5.75

备注：(1) 四芯线的颜色还有红、白、黑、黄/绿可选择，多芯线可选择不同颜色，参照 DIN47100；  
(2) 不限与上述所列规格，其它规格可以根据客户要求定制。



# FLEX-GY2S.PUR/UL20939

## 工业设备用拖链电缆

### Description:

- Rated temperature: 80°C. Rated voltage: 600 volts
- Standard: UL 758 - 20939 (80°C 600V)
- Inner conductor VDE 0295 class 6/IEC 60228 class 6 stranded studded copper conductor
- ETFE insulated/PUR sheath
- Shielding Tinned copper wire braid [density: 85%], non-woven fabric
- Withstand voltage AC 2 KV/min insulation resistance 20MΩ•KM
- High flexibility, wear resistance, drag resistance, oil resistance
- Flame retardant VW-1 IEC60332-1

### Application:

Mainly used for machine tools, robot system integration, industrial automation In equipment such as chemical equipment, the power transmission cable used for the reciprocating movement of the e-chain® for a long time

### Construction:

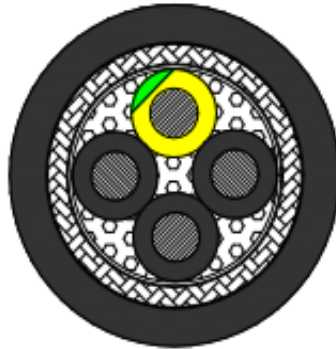
### 说明:

- 额定温度: 80°C 额定电压: 600V
- 标准: UL 758 - 20939 (80°C 600V)
- 内导体 VDE 0295 class 6/IEC 60228 class 6 类多股绞合镀锡
- ETFE 绝缘/PUR 护套
- 屏蔽 镀锡铜丝编织 [密度: 85%], 无纺布
- 耐电压 AC 2 KV / min 绝缘电阻 20MΩ•KM
- 高柔性、耐磨损、耐拖拽、耐油污
- 阻燃性能 VW-1 IEC60332-1

### 应用:

主要用于机床、机器人系统集成、工业自动化等设备中, 长期处于拖链往复运动用的动力传输电缆

### 构造:





# FLEX-GY2S.PUR/UL20939

## 工业设备用拖链电缆

Part No 产品编号	No. of Core 产品规格	Inner conductor structure 内导体结构 (No. /mm)	Insulation diameter 绝缘直径 (0mm)	Approximate cable diameter 电缆近似直径 (0mm)	内导体直流电阻 Max. $\Omega$ /km@20o C
FLEX-GY2S. 03. 05. PUR	3x0. 5mm2 (20AWG)	105/0. 08	1. 75	6	37. 4
FLEX-GY2S. 04. 05. PUR	4x0. 5mm2 (20AWG)	105/0. 08	1. 75	6. 5	37. 4
FLEX-GY2S. 06. 05. PUR	6x0. 5mm2 (20AWG)	105/0. 08	1. 75	7. 6	37. 4
FLEX-GY2S. 08. 05. PUR	8x0. 5mm2 (20AWG)	105/0. 08	1. 75	8. 9	37. 4
FLEX-GY2S. 09. 05. PUR	9x0. 5mm2 (20AWG)	105/0. 08	1. 75	10	37. 4
FLEX-GY2S. 12. 05. PUR	12x0. 5mm2 (20AWG)	105/0. 08	1. 75	12. 1	37. 4
FLEX-GY2S. 03. 075. PUR	3x0. 75mm2 (19AWG)	154/0. 08	2	6. 6	29. 5
FLEX-GY2S. 04. 075. PUR	4x0. 75mm2 (19AWG)	154/0. 08	2	7. 1	29. 5
FLEX-GY2S. 06. 075. PUR	6x0. 75mm2 (19AWG)	154/0. 08	2	8. 4	29. 5
FLEX-GY2S. 08. 075. PUR	8x0. 75mm2 (19AWG)	154/0. 08	2	10	29. 5
FLEX-GY2S. 09. 075. PUR	9x0. 75mm2 (19AWG)	154/0. 08	2	11	29. 5
FLEX-GY2S. 12. 075. PUR	12x0. 75mm2 (19AWG)	154/0. 08	2	13. 3	29. 5
FLEX-GY2S. 03. 10. PUR	3x1. 0mm2 (18AWG)	210/0. 08	2. 3	7. 3	23. 5
FLEX-GY2S. 04. 10. PUR	4x1. 0mm2 (18AWG)	210/0. 08	2. 3	8	23. 5
FLEX-GY2S. 06. 10. PUR	6x1. 0mm2 (18AWG)	210/0. 08	2. 3	9. 5	23. 5
FLEX-GY2S. 08. 10. PUR	8x1. 0mm2 (18AWG)	210/0. 08	2. 3	11. 4	23. 5
FLEX-GY2S. 09. 10. PUR	9x1. 0mm2 (18AWG)	210/0. 08	2. 3	12. 7	23. 5
FLEX-GY2S. 12. 10. PUR	12x1. 0mm2 (18AWG)	210/0. 08	2. 3	12. 9	23. 5
FLEX-GY2S. 03. 15. PUR	3x1. 5mm2 (16AWG)	301/0. 08	2. 7	8. 1	14. 6
FLEX-GY2S. 04. 15. PUR	4x1. 5mm2 (16AWG)	301/0. 08	2. 7	8. 9	14. 6
FLEX-GY2S. 06. 15. PUR	6x1. 5mm2 (16AWG)	301/0. 08	2. 7	10. 8	14. 6
FLEX-GY2S. 08. 15. PUR	8x1. 5mm2 (16AWG)	301/0. 08	2. 7	13. 1	14. 6
FLEX-GY2S. 09. 15. PUR	9x1. 5mm2 (16AWG)	301/0. 08	2. 7	14. 3	14. 6
FLEX-GY2S. 12. 15. PUR	12x1. 5mm2 (16AWG)	301/0. 08	2. 7	17. 9	14. 6
FLEX-GY2S. 03. 25. PUR	3x2. 5mm2 (14AWG)	504/0. 08	3. 3	9. 7	9. 15
FLEX-GY2S. 04. 25. PUR	4x2. 5mm2 (14AWG)	504/0. 08	3. 3	10. 5	9. 15
FLEX-GY2S. 04. 25. PUR	6x2. 5mm2 (14AWG)	504/0. 08	3. 3	12. 7	9. 15
FLEX-GY2S. 08. 25. PUR	8x2. 5mm2 (14AWG)	504/0. 08	3. 3	15. 5	9. 15
FLEX-GY2S. 09. 25. PUR	9x2. 5mm2 (14AWG)	504/0. 08	3. 3	16. 9	9. 15
FLEX-GY2S. 12. 25. PUR	12x2. 5mm2 (14AWG)	504/0. 08	3. 3	21. 3	9. 15
FLEX-GY2S. 03. 40. PUR	4x4mm2 (12AWG)	518/0. 10	4	11. 2	5. 75
FLEX-GY2S. 04. 40. PUR	4x4mm2 (12AWG)	518/0. 10	4	12. 5	5. 75
FLEX-GY2S. 06. 40. PUR	6x4mm2 (12AWG)	518/0. 10	4	15. 4	5. 75
FLEX-GY2S. 08. 40. PUR	8x4mm2 (12AWG)	518/0. 10	4	18. 5	5. 75
FLEX-GY2S. 08. 40. PUR	9x4mm2 (12AWG)	518/0. 10	4	20. 5	5. 75
FLEX-GY2S. 12. 40. PUR	12x4mm2 (12AWG)	518/0. 10	4	26	5. 75

备注： 1) 四芯线的颜色还有红、白、黑、黄/绿可选择，多芯线可选择不同颜色，参照 DIN47100；  
2) 不限与上述所列规格，其它规格可以根据客户要求定制。



# FLEX-JQR.PUR/UL20236

## 工业机器人、超高速拖链系统用电缆

### Description:

- Rated temperature: 80°C. Rated voltage: 30
- Standard: UL 758 - 20236 (80oC 30V)
- Inner conductor <0.5mm<sup>2</sup>: special alloy wire; ≥0.5mm<sup>2</sup>: Very fine tinned pure copper wire
- ETFE insulated/PUR sheath
- Twisted Insulated twisted pair Set Each layer is specially adjusted Clad tape nonwovens
- Withstand voltage AC 0.5 KV/min insulation resistance 100MΩ•Km
- Flame retardant VW-1 IEC60332-1

### Application:

It is used for industrial robots with complex environments and harsh movements, insulation ETFE, machine tools, industrial automation and other equipment in internal and external wiring, signal transmission cables that are in a state of high-speed motion for a long time

### Construction:

### 说明:

- 额定温度: 80°C 额定电压: 30V
- 标准: UL 758 - 20236 (80oC 30V)
- 内导体 <0.5mm<sup>2</sup>: 特殊合金丝; ≥0.5mm<sup>2</sup>: 极细镀锡纯铜丝
- ETFE 绝缘/PUR 护套
- 对绞 绝缘双绞 集合 每层均经过特殊调整 包带 无纺布
- 耐电压 AC 0.5 KV / min 绝缘电阻 100MΩ•Km
- 阻燃性能 VW-1 IEC60332-1

### 应用:

用于环境复杂、运动严酷的工业机器人 绝缘 ETFE、机床、工业自动化等设备的内部及外部布 线中，长期处于高速运动状态下的信号传输电缆

### 构造:



Twist pair serial number 对序号	Stranded pair chromatography 绞对色谱		Twist pair serial number 绞对序号	Stranded pair chromatography 绞对色谱		Twist pair serial number 绞对序号	Stranded pair chromatography 绞对色谱		Twist pair serial number 绞对序号	Stranded pair chromatography 绞对色谱	
	a-芯线	b-芯线		a-芯线	b-芯线		a-芯线	b-芯线		a-芯线	b-芯线
1#	蓝	白	6#	蓝	棕	11#	蓝	黑	16#	蓝	灰
2#	黄	棕	7#	黄	黑	12#	黄	灰	17#	黄	橙
3#	绿	黑	8#	绿	灰	13#	绿	橙	18#	绿	白
4#	红	灰	9#	红	橙	14#	红	白	19#	红	棕
5#	紫	橙	10#	紫	白	15#	紫	紫	20#	紫	黑



# FLEX-JQR.PUR/UL20236

## 工业机器人、超高速拖链系统用电缆

Part No 产品编号	No. of Core 产品规格	Inner conductor structure 内导体结构 (No. /mm)	Insulation diameter 绝缘直径 (0mm)	Approximate cable diameter 电缆近似直径 (0mm)	内导体直流电阻 Max. $\Omega$ /km@20o C
FLEX-JQR. 1P. 01. PUR	1x2x0. 1mm2 (28AWG)	20/0. 08	0. 71	3. 9	299
FLEX-JQR. 2P. 01. PUR	2x2x0. 1mm2 (28AWG)	20/0. 08	0. 71	5. 3	299
FLEX-JQR. 3P. 01. PUR	3x2x0. 1mm2 (28AWG)	20/0. 08	0. 71	5. 5	299
FLEX-JQR. 4P. 01. PUR	4x2x0. 1mm2 (28AWG)	20/0. 08	0. 71	5. 8	299
FLEX-JQR. 5P. 01. PUR	5x2x0. 1mm2 (28AWG)	20/0. 08	0. 71	6. 1	299
FLEX-JQR. 6P. 01. PUR	6x2x0. 1mm2 (28AWG)	20/0. 08	0. 71	6. 5	299
FLEX-JQR. 7P. 01. PUR	7x2x0. 1mm2 (28AWG)	20/0. 08	0. 71	6. 9	299
FLEX-JQR. 8P. 01. PUR	8x2x0. 1mm2 (28AWG)	20/0. 08	0. 71	7. 2	299
FLEX-JQR. 9P. 01. PUR	9x2x0. 1mm2 (28AWG)	20/0. 08	0. 71	7. 6	299
FLEX-JQR. 10P. 01. PUR	10x2x0. 1mm2 (28AWG)	20/0. 08	0. 71	7. 7	299
FLEX-JQR. 12P. 01. PUR	12x2x0. 1mm2 (28AWG)	20/0. 08	0. 71	7. 9	299
FLEX-JQR. 1P. 015. PUR	1x2x0. 15mm2 (26AWG)	30/0. 08	0. 9	4. 3	188
FLEX-JQR. 2P. 015. PUR	2x2x0. 15mm2 (26AWG)	30/0. 08	0. 9	6	188
FLEX-JQR. 3P. 015. PUR	3x2x0. 15mm2 (26AWG)	30/0. 08	0. 9	6. 2	188
FLEX-JQR. 4P. 015. PUR	4x2x0. 15mm2 (26AWG)	30/0. 08	0. 9	6. 6	188
FLEX-JQR. 5P. 015. PUR	5x2x0. 15mm2 (26AWG)	30/0. 08	0. 9	7	188
FLEX-JQR. 6P. 015. PUR	6x2x0. 15mm2 (26AWG)	30/0. 08	0. 9	7. 5	188
FLEX-JQR. 7P. 015. PUR	7x2x0. 15mm2 (26AWG)	30/0. 08	0. 9	8	188
FLEX-JQR. 8P. 015. PUR	8x2x0. 15mm2 (26AWG)	30/0. 08	0. 9	8. 5	188
FLEX-JQR. 9P. 015. PUR	9x2x0. 15mm2 (26AWG)	30/0. 08	0. 9	8. 9	188
FLEX-JQR. 10P. 015. PUR	10x2x0. 15mm2 (26AWG)	30/0. 08	0. 9	9. 1	188
FLEX-JQR. 12P. 015. PUR	12x2x0. 15mm2 (26AWG)	30/0. 08	0. 9	9. 3	188
FLEX-JQR. 1P. 02. PUR	1x2x0. 2mm2 (25AWG)	40/0. 08	0. 98	4. 4	149
FLEX-JQR. 2P. 02. PUR	2x2x0. 2mm2 (25AWG)	40/0. 08	0. 98	6. 2	149
FLEX-JQR. 3P. 02. PUR	3x2x0. 2mm2 (25AWG)	40/0. 08	0. 98	6. 5	149
FLEX-JQR. 4P. 02. PUR	4x2x0. 2mm2 (25AWG)	40/0. 08	0. 98	6. 9	149
FLEX-JQR. 5P. 02. PUR	5x2x0. 2mm2 (25AWG)	40/0. 08	0. 98	7. 4	149
FLEX-JQR. 6P. 02. PUR	6x2x0. 2mm2 (25AWG)	40/0. 08	0. 98	7. 9	149
FLEX-JQR. 7P. 02. PUR	7x2x0. 2mm2 (25AWG)	40/0. 08	0. 98	8. 4	149
FLEX-JQR. 8P. 02. PUR	8x2x0. 2mm2 (25AWG)	40/0. 08	0. 98	8. 9	149
FLEX-JQR. 9P. 02. PUR	9x2x0. 2mm2 (25AWG)	40/0. 08	0. 98	9. 4	149
FLEX-JQR. 10P. 02. PUR	10x2x0. 2mm2 (25AWG)	40/0. 08	0. 98	9. 5	149
FLEX-JQR. 12P. 02. PUR	12x2x0. 2mm2 (25AWG)	40/0. 08	0. 98	9. 8	149
FLEX-JQR. 1P. 03. PUR	1x2x0. 3mm2 (23AWG)	60/0. 08	1. 12	4. 7	93. 2
FLEX-JQR. 2P. 03. PUR	2x2x0. 3mm2 (23AWG)	60/0. 08	1. 12	6. 7	93. 2
FLEX-JQR. 3P. 03. PUR	3x2x0. 3mm2 (23AWG)	60/0. 08	1. 12	7	93. 2
FLEX-JQR. 4P. 03. PUR	4x2x0. 3mm2 (23AWG)	60/0. 08	1. 12	7. 5	93. 2
FLEX-JQR. 5P. 03. PUR	5x2x0. 3mm2 (23AWG)	60/0. 08	1. 12	8	93. 2
FLEX-JQR. 6P. 03. PUR	6x2x0. 3mm2 (23AWG)	60/0. 08	1. 12	8. 6	93. 2
FLEX-JQR. 7P. 03. PUR	7x2x0. 3mm2 (23AWG)	60/0. 08	1. 12	9. 2	93. 2
FLEX-JQR. 8P. 03. PUR	8x2x0. 3mm2 (23AWG)	60/0. 08	1. 12	9. 8	93. 2
FLEX-JQR. 9P. 03. PUR	9x2x0. 3mm2 (23AWG)	60/0. 08	1. 12	10. 3	93. 2
FLEX-JQR. 10P. 03. PUR	10x2x0. 3mm2 (23AWG)	60/0. 08	1. 12	10. 5	93. 2
FLEX-JQR. 12P. 03. PUR	12x2x0. 3mm2 (23AWG)	60/0. 08	1. 12	10. 8	93. 2
FLEX-JQR. 1P. 05. PUR	1x2x0. 5mm2 (20AWG)	105/0. 08	1. 65	5. 9	37. 4
FLEX-JQR. 2P. 05. PUR	2x2x0. 5mm2 (20AWG)	105/0. 08	1. 65	8. 8	37. 4
FLEX-JQR. 3P. 05. PUR	3x2x0. 5mm2 (20AWG)	105/0. 08	1. 65	9. 7	37. 4
FLEX-JQR. 4P. 05. PUR	4x2x0. 5mm2 (20AWG)	105/0. 08	1. 65	10. 6	37. 4
FLEX-JQR. 5P. 05. PUR	5x2x0. 5mm2 (20AWG)	105/0. 08	1. 65	11. 2	37. 4
FLEX-JQR. 6P. 05. PUR	6x2x0. 5mm2 (20AWG)	105/0. 08	1. 65	11. 6	37. 4
FLEX-JQR. 7P. 05. PUR	7x2x0. 5mm2 (20AWG)	105/0. 08	1. 65	12. 3	37. 4
FLEX-JQR. 8P. 05. PUR	8x2x0. 5mm2 (20AWG)	105/0. 08	1. 65	12. 9	37. 4
FLEX-JQR. 9P. 05. PUR	9x2x0. 5mm2 (20AWG)	105/0. 08	1. 65	13. 4	37. 4
FLEX-JQR. 10P. 05. PUR	10x2x0. 5mm2 (20AWG)	105/0. 08	1. 65	13. 8	37. 4
FLEX-JQR. 12P. 05. PUR	12x2x0. 5mm2 (21AWG)	105/0. 08	1. 65	14. 6	37. 4





# FLEX-JQR2.PUR/UL20233

## 工业机器人、超高速拖链系统用电缆

### Description:

- Rated temperature: 80°C. Rated voltage: 300volts
- Standard: UL 758 – 20233 (80oC 300V)
- Inner conductor <0.5mm2: special alloy wire; ≥0.5mm2: Very fine tinned pure copper wire
- ETFE insulated/PUR sheath
- Shielded table (2) Products: shielded cable; Special copper foil wire braided shielding [density: 85%]
- Withstand voltage AC 2.0KV/min insulation resistance 100MΩ•Km
- Flame retardant VW-1 IEC60332-1

### Application:

It is mainly used for signal transmission cables in the internal and external wiring of industrial robots, machine tools, industrial automation and other equipment with complex environment and harsh movement, and has been in a state of high-speed motion for a long time

### Construction:

### 说明:

- 额定温度：80°C 额定电压：300V
- 标准：UL 758 - 20233 (80oC 300V)
- 内导体 <0.5mm2：特殊合金丝；≥0.5mm2：极细镀锡纯铜丝
- ETFE 绝缘/PUR 护套
- 屏蔽表 (2) 产品：有屏蔽电缆：特殊铜箔丝编织屏蔽[密度：85%]
- 耐电压 AC 2.0KV / min 绝缘电阻 100MΩ•Km
- 阻燃性能 VW-1 IEC60332-1

### 应用:

主要用于环境复杂、运动严酷的工业机器人、机床、工业自动化等设备的内部及外部布线中，长期处于高速运动状态下的信号传输电缆

### 构造:



Twist pair serial number 绞对序号	Stranded pair chromatography 绞对色谱		Twist pair serial number 绞对序号	Stranded pair chromatography 绞对色谱		Twist pair serial number 绞对序号	Stranded pair chromatography 绞对色谱		Twist pair serial number 绞对序号	Stranded pair chromatography 绞对色谱	
	a-芯线	b-芯线		a-芯线	b-芯线		a-芯线	b-芯线		a-芯线	b-芯线
1#	蓝	白	6#	蓝	棕	11#	蓝	黑	16#	蓝	灰
2#	黄	棕	7#	黄	黑	12#	黄	灰	17#	黄	橙
3#	绿	黑	8#	绿	灰	13#	绿	橙	18#	绿	白
4#	红	灰	9#	红	橙	14#	红	白	19#	红	棕
5#	紫	橙	10#	紫	白	15#	紫	棕	20#	紫	黑



# FLEX-JQR2.PUR/UL20233

## 工业机器人、超高速拖链系统用电缆

Part No 产品编号	No. of Core 产品规格	Inner conductor structure 内导体结构 (No. /mm)	Insulation diameter 绝缘直径 (0mm)	Approximate cable diameter 电缆近似直径 (0mm)	内导体直流电阻 Max. $\Omega$ /km@20o C
FLEX-JQR2.PUR.1P.01.PUR	1x2x0.1mm2(28AWG)	20/0.08	0.71	3.9	299
FLEX-JQR2.PUR.2P.01.PUR	2x2x0.1mm2(28AWG)	20/0.08	0.71	5.3	299
FLEX-JQR2.PUR.3P.01.PUR	3x2x0.1mm2(28AWG)	20/0.08	0.71	5.5	299
FLEX-JQR2.PUR.4P.01.PUR	4x2x0.1mm2(28AWG)	20/0.08	0.71	5.8	299
FLEX-JQR2.PUR.5P.01.PUR	5x2x0.1mm2(28AWG)	20/0.08	0.71	6.1	299
FLEX-JQR2.PUR.6P.01.PUR	6x2x0.1mm2(28AWG)	20/0.08	0.71	6.5	299
FLEX-JQR2.PUR.7P.01.PUR	7x2x0.1mm2(28AWG)	20/0.08	0.71	6.9	299
FLEX-JQR2.PUR.8P.01.PUR	8x2x0.1mm2(28AWG)	20/0.08	0.71	7.2	299
FLEX-JQR2.PUR.9P.01.PUR	9x2x0.1mm2(28AWG)	20/0.08	0.71	7.6	299
FLEX-JQR2.PUR.10P.01.PUR	10x2x0.1mm2(28AWG)	20/0.08	0.71	7.7	299
FLEX-JQR2.PUR.12P.01.PUR	12x2x0.1mm2(28AWG)	20/0.08	0.71	7.9	299
FLEX-JQR2.PUR.1P.015.PUR	1x2x0.15mm2(26AWG)	30/0.08	0.9	4.3	188
FLEX-JQR2.PUR.2P.015.PUR	2x2x0.15mm2(26AWG)	30/0.08	0.9	6	188
FLEX-JQR2.PUR.3P.015.PUR	3x2x0.15mm2(26AWG)	30/0.08	0.9	6.2	188
FLEX-JQR2.PUR.4P.015.PUR	4x2x0.15mm2(26AWG)	30/0.08	0.9	6.6	188
FLEX-JQR2.PUR.5P.015.PUR	5x2x0.15mm2(26AWG)	30/0.08	0.9	7	188
FLEX-JQR2.PUR.6P.015.PUR	6x2x0.15mm2(26AWG)	30/0.08	0.9	7.5	188
FLEX-JQR2.PUR.7P.015.PUR	7x2x0.15mm2(26AWG)	30/0.08	0.9	8	188
FLEX-JQR2.PUR.8P.015.PUR	8x2x0.15mm2(26AWG)	30/0.08	0.9	8.5	188
FLEX-JQR2.PUR.9P.015.PUR	9x2x0.15mm2(26AWG)	30/0.08	0.9	8.9	188
FLEX-JQR2.PUR.10P.015.PUR	10x2x0.15mm2(26AWG)	30/0.08	0.9	9.1	188
FLEX-JQR2.PUR.12P.015.PUR	12x2x0.15mm2(26AWG)	30/0.08	0.9	9.3	149
FLEX-JQR2.PUR.1P.02.PUR	1x2x0.2mm2(25AWG)	40/0.08	0.98	4.4	149
FLEX-JQR2.PUR.2P.02.PUR	2x2x0.2mm2(25AWG)	40/0.08	0.98	6.2	149
FLEX-JQR2.PUR.3P.02.PUR	3x2x0.2mm2(25AWG)	40/0.08	0.98	6.58	149
FLEX-JQR2.PUR.4P.02.PUR	4x2x0.2mm2(25AWG)	40/0.08	0.98	6.9	149
FLEX-JQR2.PUR.5P.02.PUR	5x2x0.2mm2(25AWG)	40/0.08	0.98	7.4	149
FLEX-JQR2.PUR.6P.02.PUR	6x2x0.2mm2(25AWG)	40/0.08	0.98	7.9	149
FLEX-JQR2.PUR.6P.02.PUR	7x2x0.2mm2(25AWG)	40/0.08	0.98	8.4	149
FLEX-JQR2.PUR.8P.02.PUR	8x2x0.2mm2(25AWG)	40/0.08	0.98	8.9	149
FLEX-JQR2.PUR.9P.02.PUR	9x2x0.2mm2(25AWG)	40/0.08	0.98	9.4	149
FLEX-JQR2.PUR.10P.02.PUR	10x2x0.2mm2(25AWG)	40/0.08	0.98	9.5	149
FLEX-JQR2.PUR.12P.02.PUR	12x2x0.2mm2(25AWG)	40/0.08	0.98	9.8	93.2
FLEX-JQR2.PUR.1P.03.PUR	1x2x0.3mm2(23AWG)	60/0.08	1.12	4.7	93.2
FLEX-JQR2.PUR.2P.03.PUR	2x2x0.3mm2(23AWG)	60/0.08	1.12	6.7	93.2
FLEX-JQR2.PUR.3P.03.PUR	3x2x0.3mm2(23AWG)	60/0.08	1.12	7	93.2
FLEX-JQR2.PUR.4P.03.PUR	4x2x0.3mm2(23AWG)	60/0.08	1.12	7.5	93.2
FLEX-JQR2.PUR.5P.03.PUR	5x2x0.3mm2(23AWG)	60/0.08	1.12	8	93.2
FLEX-JQR2.PUR.6P.03.PUR	6x2x0.3mm2(23AWG)	60/0.08	1.12	8.6	93.2
FLEX-JQR2.PUR.7P.03.PUR	7x2x0.3mm2(23AWG)	60/0.08	1.12	9.2	93.2
FLEX-JQR2.PUR.8P.03.PUR	8x2x0.3mm2(23AWG)	60/0.08	1.12	9.8	93.2
FLEX-JQR2.PUR.9P.03.PUR	9x2x0.3mm2(23AWG)	60/0.08	1.12	10.3	93.2
FLEX-JQR2.PUR.10P.03.PUR	10x2x0.3mm2(23AWG)	60/0.08	1.12	10.5	93.2
FLEX-JQR2.PUR.12P.03.PUR	12x2x0.3mm2(23AWG)	60/0.08	1.12	10.8	93.2
FLEX-JQR2.PUR.1P.05.PUR	1x2x0.5mm2(20AWG)	105/0.08	1.65	5.9	37.4
FLEX-JQR2.PUR.2P.05.PUR	2x2x0.5mm2(20AWG)	105/0.08	1.65	8.8	37.4
FLEX-JQR2.PUR.3P.05.PUR	3x2x0.5mm2(20AWG)	105/0.08	1.65	9.7	37.4
FLEX-JQR2.PUR.4P.05.PUR	4x2x0.5mm2(20AWG)	105/0.08	1.65	10.6	37.4
FLEX-JQR2.PUR.5P.05.PUR	5x2x0.5mm2(20AWG)	105/0.08	1.65	11.2	37.4
FLEX-JQR2.PUR.6P.05.PUR	6x2x0.5mm2(20AWG)	105/0.08	1.65	11.6	37.4
FLEX-JQR2.PUR.7P.05.PUR	7x2x0.5mm2(20AWG)	105/0.08	1.65	12.3	37.4
FLEX-JQR2.PUR.8P.05.PUR	8x2x0.5mm2(20AWG)	105/0.08	1.65	12.9	37.4
FLEX-JQR2.PUR.9P.05.PUR	9x2x0.5mm2(20AWG)	105/0.08	1.65	13.4	37.4
FLEX-JQR2.PUR.10P.05.PUR	10x2x0.5mm2(20AWG)	105/0.08	1.65	13.8	37.4
FLEX-JQR2.PUR.12P.05.PUR	12x2x0.5mm2(20AWG)	105/0.08	1.65	14.6	37.4

备注： 1) 多芯线可选择不同颜色； 2) 不限与上述所列规格，其它规格可以根据客户要求定制