



Wanma CO.
002276



FLEX-RS03S.PUR/UL20236

Industrial Equip Drag Chain Cable

30V 80°C Super High Flexible Drag Chain Signal Cable

20 million bending life, suitable for industrial robots, ultra-high speed drag chain system laying applications
ETFE insulation/PUR sheath

Sheet (1)

NO.	twisted chromatogram		NO	twisted chromatogram		NO	twisted chromatogram		NO	twisted chromatogram	
	a-core	b-core		a-core	b-core		a-core	b-core		a-core	b-core
1#	Blue	White	6#	Blue	Brown	11#	Blue	Black	16#	Blue	Grey
2#	Yellow	Brown	7#	Yellow	Black	12#	Yellow	Grey	17#	Yellow	Orange
3#	Green	Black	8#	Green	Grey	13#	Green	Orange	18#	Green	White
4#	Red	Grey	9#	Red	Orange	14#	Red	White	19#	Red	Brown
5#	Purple	Orange	10#	Purple	White	15#	Purple	Brown	20#	Purple	Black

Sheet (2) product: sheild cable

Product model	Product specification	Conductor (No./mm)	Insulation (Ømm)	Cable diameter (Ømm)	Conductor DC resistance Max.Ω/km@20° C
FLEX-RS03S.1P.01.PUR	1x2x0.1mm ² (28AWG)	20/0.08	0.71	3.9	299
FLEX-RS03S.2P.01.PUR	2x2x0.1mm ² (28AWG)	20/0.08	0.71	5.3	299
FLEX-RS03S.3P.01.PUR	3x2x0.1mm ² (28AWG)	20/0.08	0.71	5.5	299
FLEX-RS03S.4P.01.PUR	4x2x0.1mm ² (28AWG)	20/0.08	0.71	5.8	299
FLEX-RS03S.5P.01.PUR	5x2x0.1mm ² (28AWG)	20/0.08	0.71	6.1	299
FLEX-RS03S.6P.01.PUR	6x2x0.1mm ² (28AWG)	20/0.08	0.71	6.5	299
FLEX-RS03S.7P.01.PUR	7x2x0.1mm ² (28AWG)	20/0.08	0.71	6.9	299
FLEX-RS03S.8P.01.PUR	8x2x0.1mm ² (28AWG)	20/0.08	0.71	7.2	299
FLEX-RS03S.9P.01.PUR	9x2x0.1mm ² (28AWG)	20/0.08	0.71	7.6	299
FLEX-RS03S.10P.01.PUR	10x2x0.1mm ² (28AWG)	20/0.08	0.71	7.7	299
FLEX-RS03S.12P.01.PUR	12x2x0.1mm ² (28AWG)	20/0.08	0.71	7.9	299
FLEX-RS03S.1P.015.PUR	1x2x0.15mm ² (26AWG)	30/0.08	0.90	4.3	188
FLEX-RS03S.2P.015.PUR	2x2x0.15mm ² (26AWG)	30/0.08	0.90	6.0	188
FLEX-RS03S.3P.015.PUR	3x2x0.15mm ² (26AWG)	30/0.08	0.90	6.2	188
FLEX-RS03S.4P.015.PUR	4x2x0.15mm ² (26AWG)	30/0.08	0.90	6.6	188
FLEX-RS03S.5P.015.PUR	5x2x0.15mm ² (26AWG)	30/0.08	0.90	7.0	188
FLEX-RS03S.6P.015.PUR	6x2x0.15mm ² (26AWG)	30/0.08	0.90	7.5	188
FLEX-RS03S.7P.015.PUR	7x2x0.15mm ² (26AWG)	30/0.08	0.90	8.0	188
FLEX-RS03S.8P.015.PUR	8x2x0.15mm ² (26AWG)	30/0.08	0.90	8.5	188
FLEX-RS03S.9P.015.PUR	9x2x0.15mm ² (26AWG)	30/0.08	0.90	8.9	188
FLEX-RS03S.10P.015.PUR	10x2x0.15mm ² (26AWG)	30/0.08	0.90	9.1	188
FLEX-RS03S.12P.015.PUR	12x2x0.15mm ² (26AWG)	30/0.08	0.90	9.3	188
FLEX-RS03S.1P.02.PUR	1x2x0.2mm ² (25AWG)	40/0.08	0.98	4.4	149

FLEX-RS03S.2P.02.PUR	2x2x0.2mm ² (25AWG)	40/0.08	0.98	6.2	149
FLEX-RS03S.3P.02.PUR	3x2x0.2mm ² (25AWG)	40/0.08	0.98	6.5	149
FLEX-RS03S.4P.02.PUR	4x2x0.2mm ² (25AWG)	40/0.08	0.98	6.9	149
FLEX-RS03S.5P.02.PUR	5x2x0.2mm ² (25AWG)	40/0.08	0.98	7.4	149
FLEX-RS03S.6P.02.PUR	6x2x0.2mm ² (25AWG)	40/0.08	0.98	7.9	149
FLEX-RS03S.7P.02.PUR	7x2x0.2mm ² (25AWG)	40/0.08	0.98	8.4	149
FLEX-RS03S.8P.02.PUR	8x2x0.2mm ² (25AWG)	40/0.08	0.98	8.9	149
FLEX-RS03S.9P.02.PUR	9x2x0.2mm ² (25AWG)	40/0.08	0.98	9.4	149
FLEX-RS03S.10P.02.PUR	10x2x0.2mm ² (25AWG)	40/0.08	0.98	9.5	149
FLEX-RS03S.12P.02.PUR	12x2x0.2mm ² (25AWG)	40/0.08	0.98	9.8	149

Product model	Product specification	Conductor (No./mm)	Insulation (Ømm)	Cable diameter (Ømm)	Conductor DC resistance Max.Ω/km@20° C
FLEX-RS03S.1P.03.PUR	1x2x0.3mm ² (23AWG)	60/0.08	1.12	4.7	93.2
FLEX-RS03S.2P.03.PUR	2x2x0.3mm ² (23AWG)	60/0.08	1.12	6.7	93.2
FLEX-RS03S.3P.03.PUR	3x2x0.3mm ² (23AWG)	60/0.08	1.12	7.0	93.2
FLEX-RS03S.4P.03.PUR	4x2x0.3mm ² (23AWG)	60/0.08	1.12	7.5	93.2
FLEX-RS03S.5P.03.PUR	5x2x0.3mm ² (23AWG)	60/0.08	1.12	8.0	93.2
FLEX-RS03S.6P.03.PUR	6x2x0.3mm ² (23AWG)	60/0.08	1.12	8.6	93.2
FLEX-RS03S.7P.03.PUR	7x2x0.3mm ² (23AWG)	60/0.08	1.12	9.2	93.2
FLEX-RS03S.8P.03.PUR	8x2x0.3mm ² (23AWG)	60/0.08	1.12	9.8	93.2
FLEX-RS03S.9P.03.PUR	9x2x0.3mm ² (23AWG)	60/0.08	1.12	10.3	93.2
FLEX-RS03S.10P.03.PUR	10x2x0.3mm ² (23AWG)	60/0.08	1.12	10.5	93.2
FLEX-RS03S.12P.03.PUR	12x2x0.3mm ² (23AWG)	60/0.08	1.12	10.8	93.2
FLEX-RS03S.1P.05.PUR	1x2x0.5mm ² (20AWG)	105/0.08	1.65	5.9	37.4
FLEX-RS03S.2P.05.PUR	2x2x0.5mm ² (20AWG)	105/0.08	1.65	8.8	37.4
FLEX-RS03S.3P.05.PUR	3x2x0.5mm ² (20AWG)	105/0.08	1.65	9.7	37.4
FLEX-RS03S.4P.05.PUR	4x2x0.5mm ² (20AWG)	105/0.08	1.65	10.6	37.4
FLEX-RS03S.5P.05.PUR	5x2x0.5mm ² (20AWG)	105/0.08	1.65	11.2	37.4
FLEX-RS03S.6P.05.PUR	6x2x0.5mm ² (20AWG)	105/0.08	1.65	11.6	37.4
FLEX-RS03S.7P.05.PUR	7x2x0.5mm ² (20AWG)	105/0.08	1.65	12.3	37.4
FLEX-RS03S.8P.05.PUR	8x2x0.5mm ² (20AWG)	105/0.08	1.65	12.9	37.4
FLEX-RS03S.9P.05.PUR	9x2x0.5mm ² (20AWG)	105/0.08	1.65	13.4	37.4
FLEX-RS03S.10P.05.PUR	10x2x0.5mm ² (20AWG)	105/0.08	1.65	13.8	37.4
FLEX-RS03S.12P.05.PUR	12x2x0.5mm ² (21AWG)	105/0.08	1.65	14.6	37.4

Notes: 1) multi-core wire can choose different colors;

2) not limited to the above specifications, other specifications can be customized according to customer requirements.



Wanma CO.
002276

FLEX-RS30S.PUR/UL20233

工业机器人、超高速拖链系统用电缆



300V 80°C Super High Flexible Drag Chain Signal Cable

20 million bending life, suitable for industrial robots, ultra-high speed drag chain system laying applications
ETFE insulation/PUR sheath

Sheet(1)

NO.	twisted chromatogram		NO	twisted chromatogram		NO	twisted chromatogram		NO	twisted chromatogram	
	a-core	b-core		a-core	b-core		a-core	b-core		a-core	b-core
1#	Blue	White	6#	Blue	Brown	11#	Blue	Black	16#	Blue	Grey
2#	Yellow	Brown	7#	Yellow	Black	12#	Yellow	Grey	17#	Yellow	Orange
3#	Green	Black	8#	Green	Grey	13#	Green	Orange	18#	Green	White
4#	Red	Grey	9#	Red	Orange	14#	Red	White	19#	Red	Brown
5#	Purple	Orange	10#	Purple	White	15#	Purple	Brown	20#	Purple	Black

Sheet (2) product: shield cable

Product model	Product specification	Conductor (No./mm)	Insulation (Ømm)	Cable diameter (Ømm)	Conductor DC resistance Max.Ω/km@20° C
FLEX-RS30S.1P.01.PUR	1x2x0.1mm ² (28AWG)	20/0.08	0.71	3.9	299
FLEX-RS30S.2P.01.PUR	2x2x0.1mm ² (28AWG)	20/0.08	0.71	5.3	299
FLEX-RS30S.3P.01.PUR	3x2x0.1mm ² (28AWG)	20/0.08	0.71	5.5	299
FLEX-RS30S.4P.01.PUR	4x2x0.1mm ² (28AWG)	20/0.08	0.71	5.8	299
FLEX-RS30S.5P.01.PUR	5x2x0.1mm ² (28AWG)	20/0.08	0.71	6.1	299
FLEX-RS30S.6P.01.PUR	6x2x0.1mm ² (28AWG)	20/0.08	0.71	6.5	299
FLEX-RS30S.7P.01.PUR	7x2x0.1mm ² (28AWG)	20/0.08	0.71	6.9	299
FLEX-RS30S.8P.01.PUR	8x2x0.1mm ² (28AWG)	20/0.08	0.71	7.2	299
FLEX-RS30S.9P.01.PUR	9x2x0.1mm ² (28AWG)	20/0.08	0.71	7.6	299
FLEX-RS30S.10P.01.PUR	10x2x0.1mm ² (28AWG)	20/0.08	0.71	7.7	299
FLEX-RS30S.12P.01.PUR	12x2x0.1mm ² (28AWG)	20/0.08	0.71	7.9	299
FLEX-RS30S.1P.015.PUR	1x2x0.15mm ² (26AWG)	30/0.08	0.90	4.3	188
FLEX-RS30S.2P.015.PUR	2x2x0.15mm ² (26AWG)	30/0.08	0.90	6.0	188
FLEX-RS30S.3P.015.PUR	3x2x0.15mm ² (26AWG)	30/0.08	0.90	6.2	188
FLEX-RS30S.4P.015.PUR	4x2x0.15mm ² (26AWG)	30/0.08	0.90	6.6	188
FLEX-RS30S.5P.015.PUR	5x2x0.15mm ² (26AWG)	30/0.08	0.90	7.0	188
FLEX-RS30S.6P.015.PUR	6x2x0.15mm ² (26AWG)	30/0.08	0.90	7.5	188
FLEX-RS30S.7P.015.PUR	7x2x0.15mm ² (26AWG)	30/0.08	0.90	8.0	188
FLEX-RS30S.8P.015.PUR	8x2x0.15mm ² (26AWG)	30/0.08	0.90	8.5	188
FLEX-RS30S.9P.015.PUR	9x2x0.15mm ² (26AWG)	30/0.08	0.90	8.9	188
FLEX-RS30S.10P.015.PUR	10x2x0.15mm ² (26AWG)	30/0.08	0.90	9.1	188
FLEX-RS30S.12P.015.PUR	12x2x0.15mm ² (26AWG)	30/0.08	0.90	9.3	188

FLEX-RS30S.1P.02.PUR	1x2x0.2mm ² (25AWG)	40/0.08	0.98	4.4	149
FLEX-RS30S.2P.02.PUR	2x2x0.2mm ² (25AWG)	40/0.08	0.98	6.2	149
FLEX-RS30S.3P.02.PUR	3x2x0.2mm ² (25AWG)	40/0.08	0.98	6.5	149
FLEX-RS30S.4P.02.PUR	4x2x0.2mm ² (25AWG)	40/0.08	0.98	6.9	149
FLEX-RS30S.5P.02.PUR	5x2x0.2mm ² (25AWG)	40/0.08	0.98	7.4	149
FLEX-RS30S.6P.02.PUR	6x2x0.2mm ² (25AWG)	40/0.08	0.98	7.9	149
FLEX-RS30S.7P.02.PUR	7x2x0.2mm ² (25AWG)	40/0.08	0.98	8.4	149
FLEX-RS30S.8P.02.PUR	8x2x0.2mm ² (25AWG)	40/0.08	0.98	8.9	149
FLEX-RS30S.9P.02.PUR	9x2x0.2mm ² (25AWG)	40/0.08	0.98	9.4	149
FLEX-RS30S.10P.02.PUR	10x2x0.2mm ² (25AWG)	40/0.08	0.98	9.5	149
FLEX-RS30S.12P.02.PUR	12x2x0.2mm ² (25AWG)	40/0.08	0.98	9.8	149

Product model	Product specification	Conductor (No./mm)	Insulation (Ømm)	Cable diameter (Ømm)	Conductor DC resistance Max.Ω/km@20° C
FLEX-RS30S.1P.03.PUR	1x2x0.3mm ² (23AWG)	60/0.08	1.12	4.7	93.2
FLEX-RS30S.2P.03.PUR	2x2x0.3mm ² (23AWG)	60/0.08	1.12	6.7	93.2
FLEX-RS30S.3P.03.PUR	3x2x0.3mm ² (23AWG)	60/0.08	1.12	7.0	93.2
FLEX-RS30S.4P.03.PUR	4x2x0.3mm ² (23AWG)	60/0.08	1.12	7.5	93.2
FLEX-RS30S.5P.03.PUR	5x2x0.3mm ² (23AWG)	60/0.08	1.12	8.0	93.2
FLEX-RS30S.6P.03.PUR	6x2x0.3mm ² (23AWG)	60/0.08	1.12	8.6	93.2
FLEX-RS30S.7P.03.PUR	7x2x0.3mm ² (23AWG)	60/0.08	1.12	9.2	93.2
FLEX-RS30S.8P.03.PUR	8x2x0.3mm ² (23AWG)	60/0.08	1.12	9.8	93.2
FLEX-RS30S.9P.03.PUR	9x2x0.3mm ² (23AWG)	60/0.08	1.12	10.3	93.2
FLEX-RS30S.10P.03.PUR	10x2x0.3mm ² (23AWG)	60/0.08	1.12	10.5	93.2
FLEX-RS30S.12P.03.PUR	12x2x0.3mm ² (23AWG)	60/0.08	1.12	10.8	93.2
FLEX-RS30S.1P.05.PUR	1x2x0.5mm ² (20AWG)	105/0.08	1.65	5.9	37.4
FLEX-RS30S.2P.05.PUR	2x2x0.5mm ² (20AWG)	105/0.08	1.65	8.8	37.4
FLEX-RS30S.3P.05.PUR	3x2x0.5mm ² (20AWG)	105/0.08	1.65	9.7	37.4
FLEX-RS30S.4P.05.PUR	4x2x0.5mm ² (20AWG)	105/0.08	1.65	10.6	37.4
FLEX-RS30S.5P.05.PUR	5x2x0.5mm ² (20AWG)	105/0.08	1.65	11.2	37.4
FLEX-RS30S.6P.05.PUR	6x2x0.5mm ² (20AWG)	105/0.08	1.65	11.6	37.4
FLEX-RS30S.7P.05.PUR	7x2x0.5mm ² (20AWG)	105/0.08	1.65	12.3	37.4
FLEX-RS30S.8P.05.PUR	8x2x0.5mm ² (20AWG)	105/0.08	1.65	12.9	37.4
FLEX-RS30S.9P.05.PUR	9x2x0.5mm ² (20AWG)	105/0.08	1.65	13.4	37.4
FLEX-RS30S.10P.05.PUR	10x2x0.5mm ² (20AWG)	105/0.08	1.65	13.8	37.4
FLEX-RS30S.12P.05.PUR	12x2x0.5mm ² (20AWG)	105/0.08	1.65	14.6	37.4

Notes: 1) multi-core wire can choose different colors;
2) not limited to the above specifications, other specifications can be customized according to customer requirements.