

ANYCERT-UL/CUL/CSA-UL 1618

UL 1618 PVC heavy duty electric wire



应用

- This product is used for UL series rated voltage below 300V, electrical and electronic, instrumentation, machinery and electronic equipment, home appliances power and signal device or building internal connection, the product has certain heat resistance, the conductor can work at 80 °C, it can work at 60 °C under the environment exposed to oil and other solvents. The product has an outer sheath, which can have a certain protective effect against lighter mechanical or chemical damage.

结构

- The conductor uses single or stranded wire 30-16AWG bare copper or tinned wire.
- PVC mixed core wire insulation (color can be customized according to customer requirements)
- PVC mixed core sheath (color can be customized according to customer requirements)
- Rated temperature: 80 °C
- Working voltage: 300V
- Oil resistance, flame retardant: CSA FT1 and UL VW-1

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Item	type	Conductor			Insulation				Maximum conductor Resistance	Minimum insulation resistance	Voltage resistant
		size	wires/mm	O.D.	thick	O.D.	Jacket thick	O.D.	Ω/km 20°C	MΩ.km	V
		AWG	No./m m	mm	mm	mm	mm	mm			
1001161830	stranded	30	7/0.10	0.30	0.76	1.12	0.38	1.92	354.24	15	2000
1001161828		28	7/0.127	0.38	0.76	1.20	0.38	2.00	223.75		
1001161826		26	7/0.16	0.48	0.76	1.30	0.38	2.10	139.73		
1001161824		24	11/0.16	0.61	0.76	1.43	0.38	2.23	93.3		
1001161822		22	17/0.16	0.76	0.76	1.58	0.38	2.38	55.0		
1001161820		20	26/0.16	0.94	0.76	1.76	0.38	2.56	34.6		
1001161818		18	41/0.16	1.18	0.76	2.00	0.38	2.80	21.8		
1001161816		16	26/0.254	1.49	0.76	2.35	0.38	3.11	13.7		
10011618028S1	solid	28	1/0.32	0.32	0.76	1.14	0.38	1.94	227.39	15	2000
10011618026S1		26	1/0.404	0.404	0.76	1.22	0.38	2.02	142.79		
10011618024S1		24	1/0.511	0.511	0.76	1.33	0.38	2.13	89.39		
10011618022S1		22	1/0.643	0.643	0.76	1.46	0.38	2.26	54.3		
10011618020S1		20	1/0.813	0.813	0.76	1.63	0.38	2.43	33.9		
10011618018S1		18	1/1.024	1.024	0.76	1.84	0.38	2.64	21.4		
10011618016S1		16	1/1.29	1.29	0.76	2.11	0.38	2.91	13.5		