



UL Cables

MIRACLE CABLESTM
Smart cable solutions



Underwriters Laboratories
Appliance Wiring Material

- Style Numbers**
- 1007
 - 1015
 - 1569
 - 2129
 - 2464



UL 1015 Cables

UL 1015 Cables					
S.No.	AWG (Nom.Area)	STRANDING	NOM. INSUL. THICKNESS	NOMINAL O.D.	UL Style
1	26 (0.128 mm ²)	7x34 (0.16mm)	0.031"(0.76mm)	0.818" (2.08mm)	1015
2	24 (0.205 mm ²)	11x34 (0.16mm)	0.031"(0.76mm)	0.866" (2.20mm)	1015
3	22 (0.324mm ²)	7 X 30 (0.254mm)	0.031"(0.76mm)	0.092" (2.33mm)	1015
4	20 (0.519mm ²)	10 X 30(0.254mm)	0.031"(0.76mm)	0.100" (2.54mm)	1015
5	18 (0.823mm ²)	16 X 30(0.254mm)	0.031"(0.76mm)	0.110" (2.79mm)	1015
6	16 (1.31mm ²)	26 X 30(0.254mm)	0.031"(0.76mm)	0.122" (3.10mm)	1015
7	14 (2.08mm ²)	41 X 30(0.254mm)	0.031"(0.76mm)	0.136" (3.45mm)	1015
8	12 (3.31mm ²)	65 X 30(0.254mm)	0.031"(0.76mm)	0.159" (4.00mm)	1015
9	11 (4.17mm ²)	82 X 30(0.254mm)	0.031"(0.76mm)	0.169" (4.30mm)	1015
10	10 (5.26mm ²)	105 X 30(0.254mm)	0.031"(0.76mm)	0.183" (4.64mm)	1015
11	9 (6.63 mm ²)	83x28 (0.318mm)	0.031"(0.76mm)	0.194" (4.94mm)	1015
12	8 (8.36 mm ²)	105x28 (0.318mm)	0.045"(1.15mm)	0.257" (6.54mm)	1015
13	7 (10.55 mm ²)	132x28 (0.318mm)	0.045"(1.15mm)	0.281" (7.15mm)	1015
14	6 (13.30 mm ²)	167x28 (0.318mm)	0.059"(1.52mm)	0.336" (8.55mm)	1015
15	5 (16.77 mm ²)	211x28 (0.318mm)	0.059"(1.52mm)	0.363" (9.24mm)	1015
16	4 (21.15 mm ²)	266x28 (0.318mm)	0.059"(1.52mm)	0.391" (9.95mm)	1015
17	3 (26.67 mm ²)	335x28 (0.318mm)	0.059"(1.52mm)	0.427" (10.87mm)	1015
18	2 (33.62 mm ²)	423x28 (0.318mm)	0.059"(1.52mm)	0.452" (11.50mm)	1015
19	1 (42.41 mm ²)	533x28 (0.318mm)	0.079"(2.03mm)	0.531" (13.50mm)	1015
20	0 (53.40mm ²)	672x28 (0.318mm)	0.079"(2.03mm)	0.578" (14.70mm)	1015
21	00 (67.43 mm ²)	848x28 (0.318mm)	0.079"(2.03mm)	0.634" (16.12mm)	1015
22	000 (85.0 mm ²)	1070x28 (0.318mm)	0.079"(2.03mm)	0.692" (17.60mm)	1015
23	0000 (107.2 mm ²)	1349x28 (0.318mm)	0.079"(2.03mm)	0.759" (19.30mm)	1015

Technical Data

Volts / Temperature : 600V, 221° F (105° C)
 Insulation : PVC Insulation Chemical, flame, and moisture resistant
 Conductor : Solid /Stranded, Tinned Copper, Bare Copper
 Applications : Used as internal wiring for appliances and electronic equipment



Note : Above conductor construction are Stranded conductor

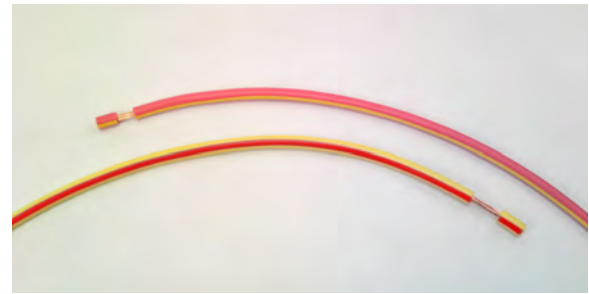
UL 1007 Cables

UL 1007 Cables					
S.No.	AWG (Nom.Area)	STRANDING	NOM. INSUL. THICKNESS	NOMINAL O.D.	UL Style
1	26 (0.128 mm ²)	7/0.16mm	0.381	1.30mm	1007
2	24 (0.205 mm ²)	11/0.16mm	0.381	1.45mm	1007
3	22 (0.324mm ²)	17/0.16mm	0.381	1.60mm	1007
4	20 (0.519mm ²)	21/0.18mm	0.381	1.80mm	1007
5	18 (0.823mm ²)	34/0.18mm	0.381	2.10mm	1007
6	16 (1.31mm ²)	26/0.254mm	0.381	2.40mm	1007

Technical Data

Volts / Temperature : 300Vac, / 80° C
 Insulation : PVC Insulation Chemical, flame, and moisture resistant
 Conductor : Solid /Stranded, Tinned Copper, Bare Copper
 Applications : Used as internal wiring for appliances and electronic equipment

Note : Above conductor construction are Stranded conductor



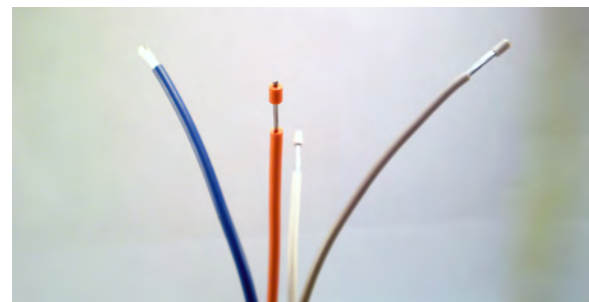
UL 1569 Cables

UL 1569 Cables					
S.No.	AWG (Nom.Area)	STRANDING	NOM. INSUL. THICKNESS	NOMINAL O.D.	UL Style
1	2	423/0.318	0.80	9.32	1569
2	4	266/0.318	0.80	7.72	1569
3	6	167/0.318	0.80	6.45	1569
4	8	105/0.318	0.80	5.45	1569
5	10	105/0.254	0.40	3.87	1569
6	12	65/0.254	0.40	3.22	1569
7	14	41/0.254	0.40	2.72	1569
8	16	26/0.254	0.40	2.33	1569
9	18	16/0.254	0.40	2.00	1569
10	20	10/0.254	0.40	1.75	1569
11	22	7/0.254	0.40	1.59	1569
12	24	11/0.160	0.40	1.43	1569

Technical Data

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 Applications : Used as internal wiring for appliances and electronic equipment

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About us

Miracle Cables (I) Pvt. Ltd. is 16 years young company with aspirations to grow as a significant player in the cables industry. The company has an array of professionals dedicated to give the exceptional products and services to its customers. Situated in Mumbai, a strategic location of India, Miracle Cables currently caters to several world class organizations in India as well as abroad. Miracle Cables (I) Pvt. Ltd. has following achievements to its credit-

- ARAI(The automotive Research Association of India) test certificate
- ISO 9001-2008
- ISI Certification
- NTH (National Test House) test certificate
- CPRI test Certificate
- UL (Underwriters' Laboratories) Certification
- CVRDE (Combat Vehicles R & D Estt.) approval
- DGQA (Directorate General of Quality Association) approval
- ERTL (Electronics Regional Test Laboratory) certificate
- ERDA (Electrical Research & Development Association) test certificate
- ROHS Test certificate

Apart from Auto Cables, Miracle Cables (I) Pvt. Ltd. also manufactures cables for wide range of applications. These cables include Uninyvin Cable, Power cables, Control & instrumentation cable, Eco-friendly cable, and many more.