

DESCAFLEX XLPVC UL-1430

AWG 28 - AWG 16

Stranded wires XL-PVC UL 1430 105°C 300 V CSA

Application

Approved stranded wire for the internal wiring of electronic and electrical equipment, switching devices, etc..

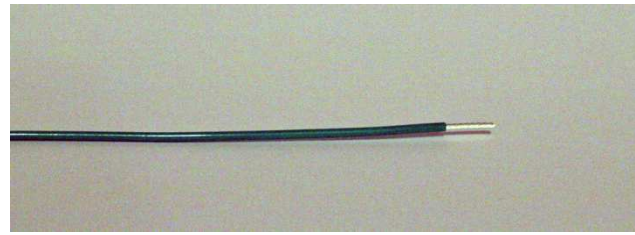
The irradiated cross-linked insulation prevents melt or flow when overheating or through contact with a hot soldering iron.

Construction

Conductor 7-strands respectively 19-strands (AWG 16 26-strands), tinned copper
Insulation, irradiated cross-linked PVC

Special features

The wires have an excellent mechanical strength and are largely notch and abrasion resistant. They have a good solvent and chemical resistance.



Technical Properties

Operating voltage 300 V
Temperature range - 55°C ... + 155°C
Minimum bending radius 6 x outer diameter

Standards / Approvals

UL AWM Style 1430 105°C 300 V VW-1
CSA AWM I A/B 105°C 300 V FT1
MIL-W-16878/2 105°C 1'000 V

| Cross section AWG | Overall-Ø ca. mm | Copper kg/km | Weight kg/km |
|----------------------|---------------------|-----------------|-----------------|
| 28/7 | 1.25 | 0.90 | 1.70 |
| 26/7 | 1.29 | 1.40 | 2.70 |
| 26/19 | 1.34 | 1.40 | 2.90 |
| 24/7 | 1.42 | 2.20 | 4.20 |
| 24/19 | 1.45 | 2.20 | 4.25 |
| 22/7 | 1.58 | 3.40 | 5.50 |
| 22/19 | 1.60 | 3.40 | 5.80 |
| 20/7 | 1.78 | 6.00 | 7.90 |
| 20/19 | 1.80 | 6.00 | 8.30 |
| 18/7 | 2.08 | 8.30 | 11.20 |
| 18/19 | 2.08 | 8.30 | 11.20 |
| 16/19 | 2.34 | 13.00 | 15.70 |
| 16/26 | 2.34 | 13.00 | 15.70 |

| Packaging | Lengths |
|-----------|---------------------------|
| Spools | 152 m, 305 m or different |
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Colour code see next page

On request

other colours and colour combinations

DESCAFLEX XLPVC-105 UL-1430

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| Cross section AWG | black | blue | gn-ye | brown | grey | red | white | green | orange | violet | yellow | rose |
|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 28/7 | 165100 | 165101 | 165102 | 165103 | 165104 | 165106 | 165107 | 165108 | 165109 | 165110 | 165111 | 165112 |
| 26/7 | 165134 | 165135 | 165136 | 165137 | 165138 | 165140 | 165141 | 165142 | 165143 | 165144 | 165145 | 165146 |
| 26/19 | 165168 | 165169 | 165170 | 165171 | 165172 | 165174 | 165175 | 165176 | 165177 | 165178 | 165179 | 165180 |
| 24/7 | 165202 | 165203 | 165204 | 165205 | 165206 | 165208 | 165209 | 165210 | 165211 | 165212 | 165213 | 165214 |
| 24/19 | 165236 | 165237 | 165238 | 165239 | 165240 | 165242 | 165243 | 165244 | 165245 | 165246 | 165247 | 165248 |
| 22/7 | 165270 | 165271 | 165272 | 165273 | 165274 | 165276 | 165277 | 165278 | 165279 | 165280 | 165281 | 165282 |
| 22/19 | 165304 | 165305 | 165306 | 165307 | 165308 | 165310 | 165311 | 165312 | 165313 | 165314 | 165315 | 165316 |
| 20/7 | 165338 | 165339 | 165340 | 165341 | 165342 | 165344 | 165345 | 165346 | 165347 | 165348 | 165349 | 165350 |
| 20/19 | 165372 | 165373 | 165374 | 165375 | 165376 | 165378 | 165379 | 165380 | 165381 | 165382 | 165383 | 165384 |
| 18/7 | 165406 | 165407 | 165408 | 165409 | 165410 | 165412 | 165413 | 165414 | 165415 | 165416 | 165417 | 165418 |
| 18/19 | 165440 | 165441 | 165442 | 165443 | 165444 | 165446 | 165447 | 165448 | 165449 | 165450 | 165451 | 165452 |
| 16/19 | 165474 | 165475 | 165476 | 165477 | 165478 | 165480 | 165481 | 165482 | 165483 | 165484 | 165485 | 165486 |
| 16/26 | 165508 | 165509 | 165510 | 165511 | 165512 | 165514 | 165515 | 165516 | 165517 | 165518 | 165519 | 165520 |

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other colours and colour combinations