

Rosenberger 18 AWG 72 Conductor (36 Pair) Power Alarm Wire WR-PT3618

18 AWG 36 pairs solid bare copper wire, PVC insulation, an aluminum/mylar shield with a stranded tinned copper drain, an overall PVC jacket. (UL) ITC or PLTC 105°C SUN RES DIR BUR FT4 "ROHS II" REACH

1. Conductor

- 1.1. AWG Size & Stranding: 18 AWG Solid
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 36 Pairs

2. Insulation

- 2.1. Material: Polyvinylchloride
- 2.2. Wall Thickness: 0.016"
- 2.3. Color Code: **Pairs 1 thru 12:** Red x Red/White, Black x Black/White, Brown x Brown/White, Blue x Blue/White, Pink x Pink/White, Orange x Orange/White, Gray x Gray/White, Yellow x Yellow/White & Purple x Purple/White, Tan x Tan/White, Teal x Teal/White & Green x Green/White.
Pairs 13 thru 36 double ink stripes: Red x Red/White/Black, Black x Black/White/White, Brown x Brown/White/White, Blue x Blue/White/White, Pink x Pink/White/Black, Orange x Orange/White/Black, Gray x Gray/White/White, Yellow x Yellow/White/Black, Purple x Purple/White/Black, Tan x Tan/White/Black, Teal x Teal/White/Black, Green x Green/White/Black, Red x Red/White/Green, Black x Black/White/Green, Brown x Brown/White/Green, Blue x Blue/White/Green, Pink x Pink/White/Green, Orange x Orange/White/Green, Gray x Gray/White/Green, Yellow x Yellow/White/Green, Purple x Purple/White/Green, Tan x Tan/White/Green, Teal x Teal/White/Green & Green x Green/White/Green

3. Assembly

- 3.1. Pair Lay Length: 1.75" LHL
- 3.2. Cable Lay Length: 12.75" LHL
- 3.3. Cable Drain Wire: 18 AWG 7 Strand Tinned Copper (Inside Aluminum/Mylar Shield)
- 3.4. Cable Shield: Aluminum/Mylar Tape – 100% Coverage (Aluminum Side Facing In)

4. Jacket

- 4.1. Material: Polyvinylchloride
- 4.2. Wall Thickness: 0.070"
- 4.3. Diameter: 0.981"
- 4.4. Color: Black
- 4.5. Ripcord: Yes
- 4.6. Weight: 698 Lbs/Mft

5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: .Rosenberger WR-PT3618 E171202 18AWG 36PR SHLD (UL) PLTC OR ITC
105°C SUN RES DIR BUR FT4 "ROHS II" REACH MADE IN USA
- 5.3. Footage Markers: Yes

6. Standards

- 6.1. UL listed as type PLTC per UL standard 13 and as type ITC per UL standard 2250
- 6.2. Cable is suitable for use in Class I Division II hazardous locations
- 6.3. Cable is UL approved for Sunlight Resistant and Direct Burial Applications.
- 6.4. Meets IEEE 1202 flame test
- 6.5. All materials used in the manufacture of this cable are RoHS compliant
- 6.6. Maximum Operating Voltage: 300V
- 6.7. Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION

Corporate Headquarters

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