

Technical Data Sheet

Rosenberger
Rosenberger Site Solutions, LLC

24 AWG 24 Conductor (12 Pair) Alarm Wire

WR-PT2424

Description: 24 AWG 12 pairs solid bare copper wire, SRPVC insulation, an aluminum/mylar shield with a stranded tinned copper drain, an overall PVC jacket. 30 AWG 2661 105°C 300V, Sunlight Resistant for outdoor and external interconnection of electronic equipment

1. Conductor

- 1.1. AWG Size & Stranding: 24 AWG Solid
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 12 Pairs

2. Insulation

- 2.1. Material: Semi-Rigid Polyvinylchloride
- 2.2. Wall Thickness: 0.010"
- 2.3. Color Code: Black x Black/White, Black x Orange, Black x Purple, Black x Yellow, Black x Red, Black x Gray, Black x Blue, Black x Brown, White x White/Black, Black x Black/Gray, Black x Black/Red, Black x Black/Yellow

3. Assembly

- 3.1. Pair Lay Length: 2.00" LHL
- 3.2. Cable Lay Length: 4.25" LHL
- 3.3. Cable Shield: Aluminum/Mylar Tape - 100% Coverage (Aluminum Side Facing Out)
- 3.4. Cable Drain Wire: 24 AWG 7 Strand Tinned Copper (Outside Aluminum/Mylar Shield)

4. Jacket

- 4.1. Material: UV Resistant Polyvinylchloride
- 4.2. Wall Thickness: 0.050"
- 4.3. Diameter: 0.376"
- 4.4. Color: Black
- 4.5. Ripcord: Yes
- 4.6. Weight: 79 Lbs/Mft

5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: .Rosenberger WR-PT2424 E206787 24AWG 12PR SHLD 30 AWG STYLE AWM 2661 105°C 300V "ROHS II" REACH MADE IN USA
- 5.3. Footage Markers: Yes

6. Standards

- 6.1. For external interconnection of electronic equipment
- 6.2. UL recognized component as AWM Style 2661 105°C 300V per UL standard 758
- 6.3. Suitable for Sunlight Resistant & outdoor applications
- 6.4. All materials used in the manufacture of this cable are RoHS II & REACH compliant
- 6.5. Maximum Operating Voltage: 300V
- 6.6. Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION

Corporate Headquarters
Rosenberger Hochfrequenztechnik GmbH & Co. KG
P.O. Box 1260 D-84526 Tittmoning Germany
Tel. +49 8684 18-0

Rosenberger Site Solutions, LLC
102 Dupont Drive, Lake Charles, LA 70606
Ph. 337.598.5250 Fax: 337.598.5290
rlss@rlss.us
www.rlss.us

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