

Technical Data Sheet

Rosenberger
Rosenberger Site Solutions, LLC

RSS 600V Power Cable

WR-PT2.53-BRD

Description: 2.5mm² 3 conductor 50 strand bare copper with SRPVC, a tinned copper braid shield with a stranded tinned copper drain wire and an overall PVC jacket. (UL) recognized AWM 2586 105°C 600V.

1. Conductor

- 1.1. AWG Size & Stranding: 2.5mm² 50 Strands Class 5
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 3 Conductor

2. Insulation

- 2.1. Material: Semi-Rigid Polyvinylchloride
- 2.2. Wall Thickness: 0.015" SRPVC
- 2.3. Color Code: Red, Black, Green

3. Assembly

- 3.1. Lay Length: 3.75" LHL
- 3.2. Fillers: N/A
- 3.3. Binder: Clear Mylar
- 3.4. Drain Wire: 16 AWG 7 Strands Tinned Copper
- 3.5. Shield: 36 AWG Tinned Copper Braid - 65% minimum coverage

4. Jacket

- 4.1. Material: Polyvinylchloride
- 4.2. Wall Thickness: 0.030"
- 4.3. Diameter: 0.321" ± 0.010
- 4.4. Color: Black
- 4.5. Ripcord: No
- 4.6. Weight: 97 lbs/Mft

5. Markings

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: Rosenberger WR-PT2.53-BRD E206787 13AWG (2.5MM2) 3C SHLD RU 2586 105°C 600V
"ROHS II" REACH MADE IN USA
- 5.3. Footage Markers: Yes

6. Standards

- 6.1. Cable is suitable for External interconnection or internal wiring
- 6.2. UL Recognized component as AWM style 2586 105°C 600V per UL Standard 758
- 6.3. All materials used in the manufacture of this cable are RoHS II & REACH compliant
- 6.4. Cable is suitable for Sunlight Resistant applications
- 6.5. 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 70607
Ph. 337.598.5250 Fax: 337.598.5290
rlss@rlss.us www.RosenbergerOnline.us

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