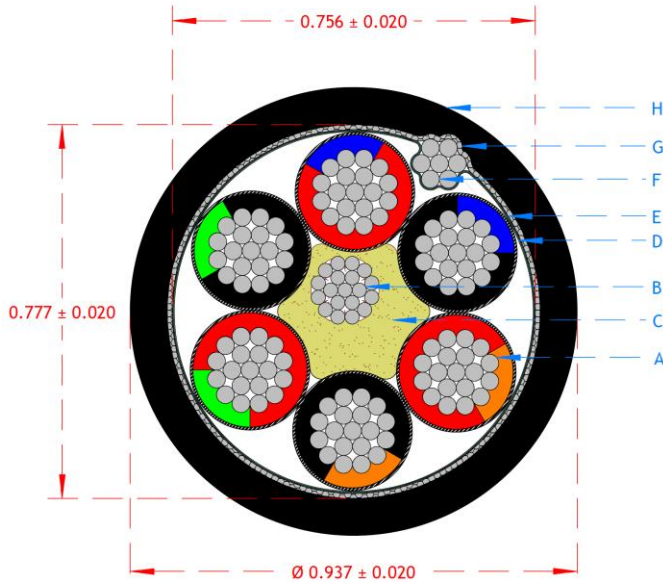


# Technical Data Sheet

**Rosenberger**  
Rosenberger Site Solutions, LLC

**6 AWG 6C PVC/Nylon + 8 AWG Ground O/A SHIELD  
PVC JACKET (UL) TC-ER 600V 90°C**

**WR-VG66ST-BRD**



- A:** 6 Conductors 6 AWG Polyvinylchloride/Nylon Insulation  
Wire Size & Stranding: 6 AWG 19/ASTM B787  
Metal Type: Annealed Tinned Copper  
Nominal Wire Diameter: 0.180  
Insulation Type: PVC / Nylon  
Nominal Insulation Thickness: 0.030 / 0.006  
Nominal Conductor Diameter: 0.240 / 0.252  
Color Code: Red/Blue, Black/Blue, Red/Orange, Black/Orange, Red/Green, Black/Green
- B:** 8 AWG 19 Strands Tinned Copper Ground Conductor  
Wire Size & Stranding: 8 AWG 19/ASTM B787  
Metal Type: Annealed Tinned Copper  
Nominal Wire Diameter: 0.140
- C:** Non-Hygroscopic Polypropylene Fillers
- D:** Clear Mylar Wrap Binder - 100% Coverage
- E:** Aluminum/Mylar Shield - 100% Coverage
- F:** 12 AWG 7 Strands Tinned Copper Drain Wire, Nominal Cable Lay Length: 11.25 LHL
- G:** 65% Minimum Coverage - Tinned Copper Braid Shield
- H:** Black Polyvinylchloride Jacket, Nominal Jacket Thickness: 0.080, Tube/Sleeve Extruded

Temperature Range: -40C to 90C (UL) TC-ER 600V  
Legend: Rosenberger WR-SVG66T-BRD E351969 6AWG 6C SHIELDED (UL) TC-ER 600V THWN-2/VW-1 90C DRY/WET UNINSULATED GROUND PVC JACKET SUN RES DIR BUR FT4 "ROHS COMPLIANT" MADE IN USA

Notes:  
Print Type: Inkjet  
Footage Markers: Yes  
Ripcord: Yes (2-Ply)  
Weight: 0.866 lb/ft

- Standards
- Refer to NEC (NFPA 70) article 336 for installation guidelines
  - Cable is suitable for use in Class I Division 2 hazardous locations
  - Individual conductors pass UL VW-1 flame test, rated THWN-2/VW-1
  - UL listed as Type TC-ER per UL Standard 1277 for tray cables
  - UL approved for Direct Burial and Sunlight Resistant applications
  - Cable meets UL 1581 & 1202 (FT-4) 70,000 BTU/HR requirements
  - Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
  - Cable is REACH compliant per Regulation (EC) No 1907/2006 (211) Updated January 19, 2021
  - Made in the USA

**All Dimensions are shown in Inches**

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  
www.RosenbergerOnline.us

Page 1 of 1