

NST-RG59HD-500-XXX

- 20AWG / 1 Solid Bare Copper Core, Dual Shield, for Serial Digital Applications

Features

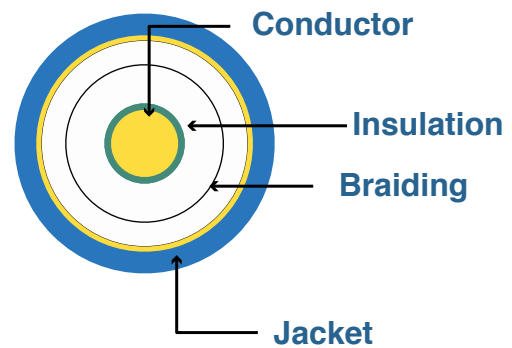
- OFC Copper Center Conductor
- 95% Tinned Copper Braid Shield + Bonded Aluminum Foil Shield
- Transparent PVC jacket
- Cable coiled with Reelix II Technology to ensure Tangle-Free Pull

Application

- CCTV Video
- Broadband and Serial Digital Applications

Material and Construction

- Rated Temp: 75°C
- Rated Voltage: 300V
- Production Standard: UL 444
- UL Certification: (UL) and c(UL) CM, FT4



WIREFATH

BULK WIRE

Material and Construction		
Conductor	Solid Bare copper	
AWG	20	
Diameter	0.81mm	
Insulation	Foam PE with Skin	
	Norm. thickness	1.42mm
	Insulation Diameter	3.66 ± 0.08mm
Screen	Material	Bonded Al-foil
Braiding Shield	Material	Tinned Copper Wire
	Construction	16*7/0.16mm
	Coverage	≥ 95%
Jacket	Transparent PVC	
	Norm. thickness	0.90 ± 0.1mm
	Min. thickness	0.75mm
	Outer Diameter	6.0 ± 0.1mm
Marking	WIREFATH™ BULK WIRE BY SNAPAV RG59HD OXYGEN FREE COPPER 20AWG 1C E325177-HY (UL) c(UL) CM FT4 75C DDMMYY "ROHS" XXX/XXX FT	

Performance		
Physical & Electrical Characteristics (at 20°C)		
Impedance	75 ± 3 Ohms @ 200MHz.	
Capacitance (PF/m)	53.1 ± 3	
Cond. DCR	at 20 deg. (ohms/km)	≤ 36.4
Velocity of propagation (%)	≥ 82	
Test Object:	Jacket	
Test Material:	PVC	
Before Tensile Strength (Mpa):	≥ 13.8	
Aging Elongation (%):	≥ 100	
Aging condition (deg./hrs):	113 ± 1.0, 168	
After Tensile Strength (Mpa):	≥ 85% unaged	
Aging Elongation (%):	≥ 50% unaged	

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BULK WIRE

Color and Packaging	
Jacket:	Transparent PVC
Color	White: Pantone White
	Red: Pantone 032U
Package:	500ft in Box - Speaker Small
Dimensions (in):	13.9" x 13.4" x 9.5"
Dimensions (mm):	353.1mm x 340.4mm x 241.3mm
Weight (lbs):	21

Electrical Characteristics:	
Frequency (MHz)	Atten. dB/100m
5	2.9
55	6.9
187	11.8
250	13.5
350	15.8
500	18.7
750	22.9
865	24.7
1000	27.3
1500	35.4
2250	44.9
3000	53.2

Values above 250MHz are for information only.